Technical Data

Original Instructions

PowerFlex AC Drive Performance Specifications per Ecodesign Regulation (EU) 2019/1781 and UK SI 2021 No. 745

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Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.

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Added complete drive module (CDM) power losses for Armor PowerFlex calculation tables	138

Overview

The Ecodesign regulations EU 2019/1781 and UK SI 2021 No. 745 require that the drive meet the IE2 efficiency class. In order to meet the IE2 efficiency class, the complete drive module (CDM) power losses must be at least 25% lower than the reference drive (RCDM) power losses as defined by the regulation at the (90% speed, 100% torque) operating point. The regulation requires the publication of the CDM total losses to the CDM rated apparent power represented in % value. In the Load (%) tables, 0% speed is approximated.
This publication lists energy efficiency performance data for Rockwell Automation PowerFlex® drives. This data supports IE2 compliance of PowerFlex low voltage drives per EU 2019/1781 and UK SI 2021 No. 745.

The following PowerFlex drive families are within the EU 2019/1781 and UK SI 2021 No. 745 defined scope and meet, or exceed, the IE2 requirement:

- PowerFlex 753/755
- PowerFlex 755TS
- PowerFlex 700H
- PowerFlex 523/525/527
- PowerFlex 70
- PowerFlex 700/700S
- PowerFlex 4
- PowerFlex 4M
- PowerFlex 40
- PowerFlex 40P
- PowerFlex 400
- Armor PowerFlex

The following PowerFlex® drives are considered exempt from the efficiency requirements in accordance with Article 2 (3) of (EU) 2019/1781 and Schedule 16 Paragraph 10 (2) of UK SI 2021 No. 745.

Drive Family	Reasoning for Exemption from Efficiency Requirements
Powerflex 700AFE	Regenerative Drive
Powerflex 700L	Regenerative Drive
Powerflex 755TL	Regenerative Drive
Powerflex 755TR	Regenerative Drive

PowerFlex 753/755 AC Drives

These tables provide CDM losses for PowerFlex 753/755 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in the publication 750-TD001.

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PowerFlex 753/755 Frame 1

208V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	4
Rated Output Current (A)	2.5	4.8	7.8	11	15.3
Rated Apparent Power (kVA)	0.90	1.73	2.81	3.96	5.51
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	60.0	62.1	60.2	60.5	60.8	59.6	59.3	59.2
	0.75	53.5	56.7	56.0	56.2	55.9	56.4	55.1	54.4
	1.5	59.8	60.1	63.4	59.7	57.6	64.4	58.3	55.7
	2.2	58.5	57.7	60.6	56.0	53.4	60.0	53.8	51.0
	4.0	58.8	56.5	59.1	53.6	50.2	57.3	50.8	47.7
Overall CDM Losses (W)	0.37	77.4	71.2	71.7	67.4	66.7	67.9	64.8	64.5
	0.75	100.7	82.9	91.0	77.5	72.0	84.2	73.5	69.2
	1.5	141.6	106.6	127.4	98.8	87.6	117.1	92.8	83.5
	2.2	175.0	125.5	151.2	113.1	98.1	134.3	104.0	92.2
	4.0	220.0	150.9	183.0	132.4	112.3	157.8	119.5	104.5
Percentage of Rated Apparent Power (%)	0.37	8.6	7.9	8.0	7.5	7.4	7.5	7.2	7.2
	0.75	5.8	4.8	5.3	4.5	4.2	4.9	4.3	4.0
	1.5	5.0	3.8	4.5	3.5	3.1	4.2	3.3	3.0
	2.2	4.4	3.2	3.8	2.9	2.5	3.4	2.6	2.3
	4.0	4.0	2.7	3.3	2.4	2.0	2.9	2.2	1.9

230V Drive Information

	Rated Output Power ND (Hp)				
	0.5	1	2	3	5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15.3
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.1
Standby Losses to S Rated (%)	6.1	3.2	2.0	1.4	0.9

230V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	65.5	63.4	63.6	64.9	65.30	65.6	65.6	65.5
	1.0	60.5	65.5	66.7	67.5	67.5	69.4	68.30	67.6
	2.0	54.8	60.0	63.0	63.2	63.1	68.0	64.8	63.5
	3.0	53.0	58.4	61.1	61.4	61.2	65.6	62.8	61.5
	5.0	48.5	53.9	56.4	57.0	57.0	60.9	58.4	57.2
Overall CDM Losses (W)	0.5	76.6	72.7	75.7	72.2	71.7	74.8	71.7	71.3
	1.0	98.7	86	95.8	84.6	80	92.8	83.2	79.3
	2.0	129.8	106.3	126.7	104.7	95.9	123.7	103.1	95.1
	3.0	158.4	127	152.5	124.1	112.6	146.9	121.3	111.1
	5.0	231.5	178.8	219.5	173.4	154.7	208.8	168.2	152.2
Percentage of Rated Apparent Power (%)	0.5	8.5	8.1	8.4	8.0	8.0	8.3	8.0	7.9
	1.0	5.8	5.1	5.6	5.0	4.7	5.5	4.9	4.7
	2.0	4.8	3.9	4.7	3.9	3.5	4.6	3.8	3.5
	3.0	4.2	3.3	4.0	3.3	3.0	3.9	3.2	2.9
	5.0	3.8	2.9	3.6	2.8	2.5	3.4	2.8	2.5

240V Drive Information

	Rated Output Power ND (Hp)				
	0.5	1	2	3	5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15.0
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.1
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	57.7	60.4	58.6	59.4	59.6	58.4	58.3	58.3
	1.0	57.8	60.6	60.1	59.8	59.3	60.2	58.5	57.7
	2.0	54.0	56.1	57.9	56.1	54.9	59.1	55.0	53.2
	3.0	52.0	53.0	54.7	52.0	50.4	54.8	50.4	48.4
	5.0	46.0	45.6	47.0	43.7	41.6	46.2	41.7	39.6
Overall CDM Losses (W)	0.5	77.4	71.2	71.7	67.4	66.7	67.9	64.8	64.5
	1.0	100.7	82.9	91.0	77.5	72.0	84.2	73.5	69.2
	2.0	141.6	106.6	127.4	98.8	87.6	117.1	92.8	83.5
	3.0	175.0	125.5	151.2	113.1	98.1	134.3	104.0	92.2
	5.0	220.0	150.9	183.0	132.4	112.3	157.8	119.5	104.5
Percentage of Rated Apparent Power (%)	0.5	8.5	7.9	8.0	7.5	7.5	7.6	7.3	7.2
	1.0	5.6	4.8	5.2	4.5	4.2	4.8	4.3	4.0
	2.0	4.7	3.7	4.3	3.4	3.1	4.0	3.2	2.9
	3.0	4.1	3.0	3.6	2.7	2.4	3.2	2.5	2.3
	5.0	3.7	2.5	3.1	2.2	1.9	2.7	2.0	1.8

400V Drive Information

	Rated Output Power ND (kW)					
	0.75	1.5	2.2	4.0	5.5	7.5
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1
Standby Losses to S Rated (%)	3.8	2.3	1.6	0.9	0.7	0.5

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	52.8	54.7	56.9	56.1	54.5	58.7	56.6	54.8
	1.5	49.5	63.3	63.1	66.0	66.9	67.0	67.3	67.2
	2.2	51.8	58.2	59.5	61.0	61.4	63.6	62.3	61.7
	4.0	44.7	50.2	52.3	53.3	53.3	57.0	54.9	53.9
	5.5	40.6	50.2	52.3	53.3	53.3	57.0	54.9	53.9
	7.5	43.0	47.3	51.3	50.4	49.6	56.3	51.9	49.8
Overall CDM Losses (W)	0.75	75.0	67.4	73.3	66.6	63.7	71.7	65.7	63.3
	1.5	105.2	92.4	102.6	91.1	86.2	100.1	89.8	85.6
	2.2	123.7	103.1	119.6	101.0	93.4	115.7	99.0	92.4
	4.0	167.1	134.2	161.9	131.6	119.1	157.1	129.1	117.9
	5.5	167.1	134.2	161.9	131.6	119.1	157.1	129.1	117.9
	7.5	249.6	169.8	236.9	164.5	141.1	225.3	159.6	138.7
Percentage of Rated Apparent Power (%)	0.75	5.4	4.8	5.2	4.8	4.6	5.1	4.7	4.5
	1.5	4.6	4.0	4.5	4.0	3.7	4.4	3.9	3.7
	2.2	3.7	3.1	3.6	3.1	2.8	3.5	3.0	2.8
	4.0	2.9	2.4	2.8	2.3	2.1	2.8	2.3	2.1
	5.5	2.2	1.8	2.1	1.7	1.6	2.1	1.7	1.6
	7.5	2.5	1.7	2.3	1.6	1.4	2.2	1.6	1.4

480V Drive Information

	Rated Output Power ND (Hp)					
	1	2	3	5	7.5	10
Rated Output Current (A)	2.1	3.4	5	8	11	14
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2
Standby Losses to S Rated (%)	3.9	2.4	1.6	1.0	0.7	0.6

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.0	54.8	62.0	61.1	64.3	65.4	64.4	65.4	65.7
	2.0	55.9	63.3	63.1	66.0	66.9	67.0	67.3	67.2
	3.0	53.3	60.0	60.9	63.0	63.7	65.1	64.3	64.0
	5.0	47.1	53.9	62.0	60.6	59.7	75.6	66.0	61.9
	7.5	40.9	42.8	48.1	45.6	45.0	52.4	46.9	45.4
	10.0	40.6	45.4	48.7	48.5	47.9	53.6	50.0	48.2
Overall CDM Losses (W)	1.0	89.4	81.4	87.8	80.6	77.5	86.1	79.7	77.1
	2.0	105.2	92.4	102.6	91.1	86.2	100.1	89.8	85.6
	3.0	126.4	106.4	122.3	104.4	96.9	118.3	102.4	95.8
	5.0	176.0	144.0	192.0	149.5	133.3	208.4	155.2	135.5
	7.5	195.3	142.1	187.2	138.6	122.3	179.7	135.2	120.6
	10.0	235.9	162.9	224.7	158.3	136.4	214.3	153.8	134.2
Percentage of Rated Apparent Power (%)	1.0	5.3	4.8	5.2	4.7	4.6	5.1	4.7	4.5
	2.0	3.9	3.4	3.8	3.4	3.2	3.7	3.3	3.2
	3.0	3.2	2.7	3.1	2.6	2.4	3.0	2.6	2.4
	5.0	2.8	2.3	3.0	2.3	2.1	3.3	2.4	2.1
	7.5	2.2	1.6	2.1	1.6	1.4	2.0	1.5	1.4
	10.0	2.1	1.5	2.0	1.4	1.2	1.9	1.4	1.2

PowerFlex 753/755 Frame 2

208V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	4.0	5.5
Rated Output Current (A)	2.5	4.8	7.8	11	15.3	22
Rated Apparent Power (kVA)	0.9	1.7	2.8	4.0	5.5	7.9
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0	0.7

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	67.8	67.9	61.8	61.7	61.9	57.9	58.0	58.1
	0.75	62.8	62.5	57.3	56.8	56.2	53.3	53.2	53.0
	1.5	59.1	59.2	57.6	55.8	54.5	55.5	53.1	51.9
	2.2	59.2	58.0	59.1	55.0	52.5	57.5	52.3	49.9
	4.0	57.7	56.1	58.5	53.5	50.4	57.0	50.8	47.8
	5.5	66.7	62.2	67.5	58.8	53.8	65.9	55.5	50.7
Overall CDM Losses (W)	0.37	87.4	77.9	73.6	68.7	68.0	65.9	63.4	63.2
	0.75	118.0	91.4	93.2	78.4	72.5	79.5	71.0	67.5
	1.5	140.1	105.0	115.8	92.4	83.0	101.0	84.4	77.7
	2.2	177.0	126.1	147.5	111.0	96.5	128.6	101.0	90.3
	4.0	215.8	149.9	180.9	132.1	112.5	157.2	119.5	104.7
	5.5	318.0	206.5	262.8	179.0	146.2	225.9	160.1	134.8
Percentage of Rated Apparent Power (%)	0.37	9.7	8.6	8.2	7.6	7.5	7.3	7.0	7.0
	0.75	6.8	5.3	5.4	4.5	4.2	4.6	4.1	3.9
	1.5	5.0	3.7	4.1	3.3	3.0	3.6	3.0	2.8
	2.2	4.5	3.2	3.7	2.8	2.4	3.2	2.5	2.3
	4.0	3.9	2.7	3.3	2.4	2.0	2.9	2.2	1.9
	5.5	4.0	2.6	3.3	2.3	1.8	2.9	2.0	1.7

230V Drive Information

	Rated Output Power ND (Hp)					
	0.5	1	2	3	5	7.5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15.3	22
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.	8.8
Standby Losses to S Rated (%)	6.6	3.5	2.1	1.5	1.0	0.7

230V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	69.2	70.1	68.5	72.30	73.1	71.6	73.5	73.6
	1.0	70.8	81.1	78.7	84.0	86.0	83.0	85.5	86.4
	2.0	55.5	83.5	82.8	86.9	88.30	87.6	88.5	88.6
	3.0	53.30	49.6	49.4	52.5	53.7	53.4	53.9	54.2
	5.0	44.30	49.30	51.0	51.9	51.9	54.30	52.7	52.0
	7.5	56.30	61.4	65.5	64.7	64.1	70.1	65.8	64.0
Overall CDM Losses (W)	0.5	89.3	86.3	88.3	85.8	85.4	87.4	85.3	85
	1.0	115.4	106.5	113.1	105.3	101.9	111	104.2	101.3
	2.0	138.6	122	134.6	120	113.8	130.8	118.1	112.8
	3.0	159.3	132.7	153	129.7	119.9	147.2	126.8	118.5
	5.0	211.4	163.7	198.3	157.7	141.1	186.2	152	138.3
	7.5	327.1	220.6	302.5	211.1	182.3	280.5	202.3	178.2
Percentage of Rated Apparent Power (%)	0.5	9.9	9.6	9.8	9.5	9.5	9.7	9.5	9.4
	1.0	6.8	6.3	6.7	6.2	6.0	6.5	6.1	6.0
	2.0	5.1	4.5	5.0	4.4	4.2	4.8	4.4	4.2
	3.0	4.2	3.5	4.0	3.4	3.2	3.9	3.3	3.1
	5.0	3.5	2.7	3.3	2.6	2.4	3.1	2.5	2.3
	7.5	3.7	2.5	3.4	2.4	2.1	3.2	2.3	2.0

240V Drive Information

	Rated Output Power ND (Hp)					
	0.5	1.0	2.0	3.0	5.0	7.5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15	22
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.0	8.8
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9	0.6

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	63.9	65.1	59.9	60.4	60.6	57.0	57.3	57.3
	1.0	65.8	65.4	61.1	60.2	59.5	57.4	56.8	56.4
	2.0	53.2	55.1	53.2	52.8	52.3	52.2	50.8	50.1
	3.0	52.3	53.0	53.5	51.1	49.6	52.8	49.2	47.5
	5.0	43.6	44.3	46.0	43.4	41.6	46.2	41.9	39.7
	7.5	56.0	50.2	58.4	48.5	43.6	57.9	46.2	41.2
Overall CDM Losses (W)	0.5	82.5	74.7	71.3	67.2	66.6	64.9	62.6	62.4
	1.0	107.3	85.8	87.8	75.5	70.5	76.7	69.3	66.2
	2.0	126.0	97.6	107.0	87.5	79.6	95.0	80.8	75.1
	3.0	156.5	115.3	133.4	103.3	91.2	118.2	95.1	85.9
	5.0	208.1	147.0	179.2	131.9	112.9	158.3	120.7	105.7
	7.5	325.6	180.2	269.5	158.2	123.9	231.7	142.0	114.8
Percentage of Rated Apparent Power (%)	0.5	9.4	8.5	8.1	7.7	7.6	7.4	7.2	7.1
	1.0	6.4	5.1	5.2	4.5	4.2	4.6	4.1	4.0
	2.0	4.7	3.6	3.9	3.2	2.9	3.5	3.0	2.8
	3.0	4.1	3.0	3.5	2.7	2.4	3.1	2.5	2.2
	5.0	3.5	2.5	3.0	2.2	1.9	2.6	2.0	1.8
	7.5	3.7	2.1	3.1	1.8	1.4	2.6	1.6	1.3

400V Drive Information

	Rated Output Power ND (kW)						
	0.75	1.5	2.2	4.0	5.5	7.5	11
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4	22
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1	14.5
Standby Losses to S Rated (%)	3.9	2.3	1.6	0.9	0.7	0.5	0.4

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	50.6	54.2	54.9	55.8	54.9	57.1	56.6	55.3
	1.5	45.7	52.5	51.7	54.9	56.0	55.1	56.1	56.4
	2.2	42.9	49.5	49.3	52.1	53.2	53.0	53.4	53.5
	4.0	39.2	44.0	45.7	46.6	46.6	49.5	47.9	47.0
	5.5	39.0	43.2	45.9	45.9	45.6	50.0	47.2	45.9
	7.5	42.3	44.9	50.6	47.8	46.2	55.6	49.2	46.4
	11.0	41.6	44.9	49.4	47.8	46.3	53.7	48.9	46.5
Overall CDM Losses (W)	0.75	71.8	66.8	70.8	66.2	64.2	69.7	65.7	63.9
	1.5	85.8	76.8	84.0	75.8	72.2	82.2	74.9	71.8
	2.2	101.8	87.8	99.1	86.4	80.9	96.4	85.0	80.2
	4.0	146.7	117.7	141.4	115.1	104.1	136.3	112.6	102.9
	5.5	186.2	143.3	178.6	139.6	123.7	171.4	136.1	122.0
	7.5	246.0	161.3	233.5	156.2	131.6	222.3	151.4	129.3
	11.0	325.1	206.7	300.9	197.4	164.0	279.1	188.7	160.0
Percentage of Rated Apparent Power (%)	0.75	5.1	4.8	5.1	4.7	4.6	5.0	4.7	4.6
	1.5	3.7	3.3	3.7	3.3	3.1	3.6	3.3	3.1
	2.2	3.1	2.7	3.0	2.6	2.5	2.9	2.6	2.4
	4.0	2.6	2.1	2.5	2.0	1.8	2.4	2.0	1.8
	5.5	2.5	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	7.5	2.4	1.6	2.3	1.5	1.3	2.2	1.5	1.3
	11.0	2.2	1.4	2.1	1.4	1.1	1.9	1.3	1.1

480V Drive Information

	Rated Output Power ND (Hp)						
	1	2	3	5	7.5	10	15
Rated Output Current (A)	2.1	3.4	5	8	11	14	22
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2	17.5
Standby Losses to S Rated (%)	3.5	2.1	1.5	0.9	0.7	0.5	0.3

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1	47.3	54.7	53.0	56.8	58.3	56.2	58.0	58.6
	2	48.5	56.0	55.0	58.5	59.8	58.7	59.9	60.2
	3	46.0	53.1	52.9	55.9	57.1	57.0	57.4	57.5
	5	39.2	44.7	45.8	47.4	47.7	49.8	48.8	48.2
	7.5	40.2	41.1	47.3	43.8	42.8	51.5	45.0	43.1
	10	38.0	41.7	45.5	44.5	43.7	50.0	45.8	43.9
	15	43.3	47.1	51.6	50.3	48.9	56.4	51.7	49.2
Overall CDM Losses (W)	1	77.2	71.8	76.1	71.2	69.0	75.1	70.7	68.8
	2	91.1	81.8	89.3	80.8	77.1	87.6	79.9	76.6
	3	109.0	94.1	106.2	92.7	86.8	103.6	91.3	86.1
	5	146.7	119.4	141.8	117.0	106.5	137.2	114.7	105.4
	7.5	191.9	136.5	184.0	133.1	116.2	176.7	129.8	114.6
	10	220.9	149.7	209.9	145.1	124.4	200.0	140.8	122.3
	15	337.9	217.1	314.3	207.9	173.2	293.2	199.4	169.2
Percentage of Rated Apparent Power (%)	1	4.5	4.2	4.5	4.2	4.1	4.4	4.2	4.0
	2	3.4	3.0	3.3	3.0	2.9	3.2	3.0	2.8
	3	2.7	2.4	2.7	2.3	2.2	2.6	2.3	2.2
	5	2.3	1.9	2.2	1.8	1.7	2.1	1.8	1.6
	7.5	2.2	1.6	2.1	1.5	1.3	2.0	1.5	1.3
	10	2.0	1.3	1.9	1.3	1.1	1.8	1.3	1.1
	15	1.9	1.2	1.8	1.2	1.0	1.7	1.1	1.0

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208V Drive Information

	Rated Output Power ND (kW)		
	7.5	11	15
Rated Output Current (A)	32.2	43	61
Rated Apparent Power (kVA)	11.6	15.5	22.0
Standby Losses to S Rated (%)	0.5	0.4	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	51.7	47.9	54.8	46.6	41.6	53.4	43.6	38.9
	11	55.0	51.9	60.0	51.4	45.7	60.2	49.0	43.2
	15	53.2	48.3	57.3	46.5	40.2	56.1	42.5	36.7
Overall CDM Losses (W)	7.5	403.5	220.7	333.5	192.5	147.2	277.7	168.1	133.9
	11	555.4	299.4	466.9	263.8	197.7	395.7	233.1	181.1
	15	642.2	326.4	529.0	279.0	200.7	434.4	235.7	177.1
Percentage of Rated Apparent Power (%)	7.5	3.5	1.9	2.9	1.7	1.3	2.4	1.4	1.2
	11	3.6	1.9	3.0	1.7	1.3	2.6	1.5	1.2
	15	2.9	1.5	2.4	1.3	0.9	2.0	1.1	0.8

230V Drive Information

	Rated Output Power ND (Hp)	
	10	15
Rated Output Current (A)	28	42
Rated Apparent Power (kVA)	11.2	16.7
Standby Losses to S Rated (%)	0.5	0.4

230V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	48.2	50.9	56.9	53.7	51.6	61.30	54.4	51.30
	15	57.4	62.4	68.8	66.7	64.2	75.30	68.30	64.30
Overall CDM Losses (W)	10	376.2	234.7	346.3	222.1	182.6	318.4	209.9	176.7
	15	580.1	360.2	535.3	342.1	277.9	495.1	325.1	269.7
Percentage of Rated Apparent Power (%)	10	3.4	2.1	3.1	2.0	1.6	2.8	1.9	1.6
	15	3.5	2.2	3.2	2.0	1.7	3.0	1.9	1.6

240V Drive Information

	Rated Output Power ND (Hp)		
	10	15	20
Rated Output Current (A)	28	42	55
Rated Apparent Power (kVA)	11.2	16.7	21.9
Standby Losses to S Rated (%)	0.5	0.3	0.2

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	44.3	42.8	47.8	42.2	38.5	47.4	40.0	36.3
	15	54.9	52.4	60.5	52.4	46.7	61.5	50.3	44.4
	20	46.4	43.4	50.5	42.2	37.1	49.8	38.8	34.0
Overall CDM Losses (W)	10	345.7	197.2	291.1	174.5	136.4	246.4	154.2	124.9
	15	554.4	302.4	471.0	268.5	202.1	403.9	239.3	186.0
	20	560.3	293.2	466.2	252.9	185.3	385.9	215.3	164.3
Percentage of Rated Apparent Power (%)	10	3.1	1.8	2.6	1.6	1.2	2.2	1.4	1.1
	15	3.3	1.8	2.8	1.6	1.2	2.4	1.4	1.1
	20	2.6	1.3	2.1	1.2	0.8	1.8	1.0	0.7

400V Drive Information

	Rated Output Power ND (kW)		
	15	18.5	22
Rated Output Current (A)	30	37	43
Rated Apparent Power (kVA)	19.8	24.4	28.3
Standby Losses to S Rated (%)	0.3	0.2	0.2

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	41.0	43.3	49.4	46.4	44.2	54.7	47.8	44.4
	18.5	40.8	42.1	49.1	44.7	42.2	53.8	45.6	42.1
	22.0	46.1	49.8	56.5	53.7	51.0	63.1	55.9	51.3
Overall CDM Losses (W)	15.0	414.5	250.0	384.7	238.1	191.4	359.3	227.3	186.3
	18.5	492.9	285.0	453.2	268.4	211.0	416.9	252.7	203.3
	22.0	649.2	387.7	604.6	369.6	289.9	564.7	352.6	281.7
Percentage of Rated Apparent Power (%)	15.0	2.1	1.3	1.9	1.2	1.0	1.8	1.1	0.9
	18.5	2.0	1.2	1.9	1.1	0.9	1.7	1.0	0.8
	22.0	2.3	1.4	2.1	1.3	1.0	2.0	1.2	1.0

480V Drive Information

	Rated Output Power ND (Hp)		
	20	25	30
Rated Output Current (A)	27	34	40
Rated Apparent Power (kVA)	21.5	27.1	31.9
Standby Losses to S Rated (%)	0.3	0.2	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	38.1	41.2	46.2	44.4	42.7	51.3	45.8	43.0
	25	41.0	43.3	49.8	46.3	44.0	55.1	47.5	44.1
	30	45.9	50.2	56.6	54.4	51.8	63.6	56.8	52.3
Overall CDM Losses (W)	20	384.9	238.0	359.2	227.6	184.9	337.0	218.1	180.3
	25	495.0	292.9	459.3	277.9	219.7	426.5	263.5	212.7
	30	646.0	390.7	605.5	374.1	294.5	569.0	358.5	286.9
Percentage of Rated Apparent Power (%)	20	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	25	1.8	1.1	1.7	1.0	0.8	1.6	1.0	0.8
	30	2.0	1.2	1.9	1.2	0.9	1.8	1.1	0.9

600V Drive Information

	Rated Output Power ND (Hp)							
	1	2	3	5	7.5	10	15	20
Rated Output Current (A)	1.7	2.7	3.9	6.1	9	11	17	22
Rated Apparent Power (kVA)	1.7	2.7	3.9	6.1	9.0	11.0	17.0	21.9
Standby Losses to S Rated (%)	3.6	2.3	1.6	1.0	0.7	0.6	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.0	57.1	61.3	62.1	63.1	62.1	64.6	64.0	62.5
	2.0	52.1	60.7	59.1	63.5	65.1	63.2	65.0	65.5
	3.0	50.5	59.9	58.3	63.3	65.2	63.1	65.0	65.7
	5.0	45.1	54.8	53.2	58.4	60.5	58.3	60.4	1.3
	7.5	50.9	59.2	60.6	63.6	65.5	66.9	66.0	66.2
	10.0	53.7	70.7	65.8	76.5	81.0	74.0	80.0	82.0
	15.0	62.5	84.3	77.8	92.4	98.8	88.8	97.4	100.8
	20.0	56.2	74.1	70.5	81.8	86.8	80.9	86.5	88.6
Overall CDM Losses (W)	1.0	81.1	75.5	80.0	74.9	72.5	79.0	74.3	72.2
	2.0	97.9	88.7	96.1	87.7	83.9	94.4	86.8	83.5
	3.0	119.8	106.2	117.2	104.8	99.2	114.7	103.5	98.5
	5.0	168.7	146.4	164.6	144.3	135.2	160.6	142.2	134.1
	7.5	242.6	196.5	235.8	193.3	177.8	229.5	190.1	176.2
	10.0	312.2	253.8	303.7	249.8	230.4	295.9	246.0	228.5
	15.0	488.0	388.4	474.1	382.0	349.9	461.6	375.9	346.8
	20.0	567.2	428.0	548.3	419.5	375.6	531.7	411.6	371.6
Percentage of Rated Apparent Power (%)	1.0	4.8	4.4	4.7	4.4	4.3	4.6	4.4	4.2
	2.0	3.6	3.3	3.6	3.2	3.1	3.5	3.2	3.1
	3.0	3.1	2.7	3.0	2.7	2.5	2.9	2.7	2.5
	5.0	2.8	2.4	2.7	2.4	2.2	2.6	2.3	2.2
	7.5	2.7	2.2	2.6	2.1	2.0	2.6	2.1	2.0
	10.0	2.8	2.3	2.8	2.3	2.1	2.7	2.2	2.1
	15.0	2.9	2.3	2.8	2.2	2.1	2.7	2.2	2.0
	20.0	2.6	2.0	2.5	1.9	1.7	2.4	1.9	1.7

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208V Drive Information

	Rated Output Power ND (kW)	
	15	18.2
Rated Output Current (A)	60	79
Rated Apparent Power (kVA)	21.6	28.5
Standby Losses to S Rated (%)	0.3	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	48.0	46.8	52.5	46.0	41.7	51.9	43.0	38.8
	18.2	38.5	38.3	43.0	38.1	34.2	42.7	35.3	31.5
Overall CDM Losses (W)	15.0	578.8	316.5	483.9	275.9	208.1	401.8	238.4	187.3
	18.2	714.6	386.0	602.6	336.0	248.5	497.1	286.1	220.5
Percentage of Rated Apparent Power (%)	15.0	2.7	1.5	2.2	1.3	1.0	1.9	1.1	0.9
	18.2	2.5	1.4	2.1	1.2	0.9	1.7	1.0	0.8

230V Drive Information

	Rated Output Power ND (Hp)
	20
Rated Output Current (A)	54
Rated Apparent Power (kVA)	21.5
Standby Losses to S Rated (%)	0.3

230V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	49.6	55.9	59.7	59.6	58.4	65.6	61.0	58.4
Overall CDM Losses (W)		598.2	378.4	550.7	357.6	291.7	508.1	338.2	281.9
Percentage of Rated Apparent Power (%)		2.8	1.8	2.6	1.7	1.4	2.4	1.6	1.3

240V Drive Information

	Rated Output Power ND (Hp)	
	20	25
Rated Output Current (A)	54	71
Rated Apparent Power (kVA)	21.5	28.3
Standby Losses to S Rated (%)	0.3	0.2

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	42.7	42.8	47.2	42.5	39.1	47.2	40.1	36.7
	25	45.1	45.3	50.5	45.0	40.9	50.3	42.1	37.7
Overall CDM Losses (W)	20	514.9	289.8	435.5	255.1	195.5	365.8	222.4	177.0
	25	634.6	352.6	540.3	309.4	232.6	450.2	265.6	207.2
Percentage of Rated Apparent Power (%)	20	2.4	1.3	2.0	1.2	0.9	1.7	1.0	0.8
	25	2.2	1.2	1.9	1.1	0.8	1.6	0.9	0.7

400V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	60	72
Rated Apparent Power (kVA)	39.5	47.4
Standby Losses to S Rated (%)	0.2	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	33.6	37.2	40.6	39.8	38.4	44.5	40.7	38.3
	37	34.0	37.0	41.1	39.7	37.9	45.1	40.5	37.8
Overall CDM Losses (W)	30	624.2	375.3	568.5	351.6	278.9	518.7	329.3	267.9
	37	766.2	447.4	694.9	417.7	326.3	632.1	390.2	312.9
Percentage of Rated Apparent Power (%)	30	1.6	1.0	1.4	0.9	0.7	1.3	0.8	0.7
	37	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.7

480V Drive Information

	Rated Output Power ND (Hp)	
	40	50
Rated Output Current (A)	52	65
Rated Apparent Power (kVA)	41.4	51.8
Standby Losses to S Rated (%)	0.2	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	29.9	34.0	36.3	36.5	35.6	40.0	37.5	35.7
	50	555.1	342.4	508.6	322.3	258.7	466.6	303.3	249.3
Overall CDM Losses (W)	40	31.5	35.1	38.2	37.7	36.4	42.2	38.7	36.4
	50	709.6	423.4	647.0	397.0	313.2	591.5	372.4	301.1
Percentage of Rated Apparent Power (%)	40	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	50	0.1	0.8	1.2	0.8	0.6	1.1	0.7	0.6

600V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.0	31.9
Standby Losses to S Rated (%)	0.3	0.3

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	60.1	84.2	76.8	93.5	102.2	89.3	99.6	104.9
	30	60.8	84.9	78.1	94.6	103.4	91.2	101.4	106.2
Overall CDM Losses (W)	25	725.4	569.4	708.5	560.9	510.7	691.6	552.4	506.2
	30	855.8	660.4	835.8	650.3	588.1	815.8	640.2	582.9
Percentage of Rated Apparent Power (%)	25	2.8	2.2	2.7	2.2	2.0	2.7	2.1	1.9
	30	2.7	2.1	2.6	2.0	1.8	2.6	2.0	1.8

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208V Drive Information

	Rated Output Power ND (kW)	
	18.2	22
Rated Output Current (A)	78.2	92
Rated Apparent Power (kVA)	28.2	33.2
Standby Losses to S Rated (%)	0.3	0.3

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	50.7	49.8	55.8	48.8	43.9	54.4	45.0	40.2
	22.0	47.0	46.5	52.6	46.4	41.7	52.0	43.0	38.5
Overall CDM Losses (W)	18.5	714.5	387.2	596.9	335.4	249.5	486.5	283.9	220.8
	22.0	873.3	469.0	737.1	409.2	302.7	606.0	348.6	269.2
Percentage of Rated Apparent Power (%)	18.5	2.5	1.4	2.1	1.2	0.9	1.7	1.0	0.8
	22.0	2.6	1.4	2.2	1.2	0.9	1.8	1.1	0.8

230V Drive Information

	Rated Output Power ND (kW)	
	25	30
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.3	0.3

230V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	48.5	53.0	57.1	55.5	53.7	61.0	55.9	53.0
	30	42.6	46.30	50.4	48.8	46.9	53.9	48.9	46.30
Overall CDM Losses (W)	25	682.6	412.6	611.1	381.9	305.6	545.2	352.6	291.1
	30	791.4	466.9	705.9	430.7	340.2	627.6	396.3	323.4
Percentage of Rated Apparent Power (%)	25	2.4	1.5	2.2	1.4	1.1	2.0	1.3	1.0
	30	2.5	1.5	2.2	1.4	1.1	2.0	1.2	1.0

240V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.3	0.3

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	44.8	45.2	49.7	44.7	40.9	49.0	41.6	37.7
	30	40.0	41.1	45.2	41.3	38.0	45.2	38.7	35.2
Overall CDM Losses (W)	25	630.3	352.0	532.0	307.5	232.7	438.3	262.5	206.8
	30	743.0	414.1	633.8	364.6	275.6	526.9	313.4	246.3
Percentage of Rated Apparent Power (%)	25	2.3	1.3	1.9	1.1	0.8	1.6	0.9	0.7
	30	2.3	1.3	2.0	1.1	0.9	1.7	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)	
	45	55
Rated Output Current (A)	85	104
Rated Apparent Power (kVA)	56.0	68.5
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	32.2	35.0	38.6	37.1	35.5	42.0	37.5	35.2
	55	34.5	36.4	41.4	38.8	36.5	45.1	39.4	36.2
Overall CDM Losses (W)	45	868.1	501.9	780.2	464.6	359.5	700.4	429.3	342.2
	55	1116.3	614.5	998.7	565.6	423.9	893.7	519.9	401.6
Percentage of Rated Apparent Power (%)	45	1.6	0.9	1.4	0.8	0.6	1.3	0.8	0.6
	55	1.6	0.9	1.5	0.8	0.6	1.3	0.8	0.6

480V Drive Information

	Rated Output Power ND (Hp)	
	60	75
Rated Output Current (A)	77	96
Rated Apparent Power (kVA)	61.4	76.5
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	60	30.0	32.7	36.3	34.7	33.0	39.6	35.2	32.7
	75	32.3	34.6	39.0	37.1	35.0	42.7	37.8	34.9
Overall CDM Losses (W)	60	810.7	468.7	732.2	434.8	333.7	660.6	402.6	317.8
	75	1047.1	584.9	941.6	540.5	407.1	846.5	498.7	386.7
Percentage of Rated Apparent Power (%)	60	1.3	0.8	1.2	0.7	0.5	1.1	0.7	0.5
	75	1.4	0.8	1.2	0.7	0.5	1.1	0.7	0.5

600V Drive Information

	Rated Output Power ND (Hp)	
	40	50
Rated Output Current (A)	41	52
Rated Apparent Power (kVA)	40.8	51.8
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	53.7	75.7	69.0	84.9	92.7	80.4	90.7	95.2
	50	60.7	86.7	78.4	97.7	107.8	91.7	104.8	111.0
Overall CDM Losses (W)	40	998.3	763.1	967.3	748.8	672.8	936.3	734.4	665.6
	50	1367.5	1047.4	1326.2	1028.6	927.2	1284.8	1009.8	917.8
Percentage of Rated Apparent Power (%)	40	2.4	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	50	2.6	2.0	2.6	2.0	1.8	2.5	1.9	1.8

PowerFlex 753/755 Frame 6

208V Drive Information

	Rated Output Power ND (kW)					
	22	30	37	45	55	66
Rated Output Current (A)	92	120	150	177	221	260
Rated Apparent Power (kVA)	33.15	43.2	54.0	63.8	79.6	93.7
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.2	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	50.6	51.0	52.7	48.1	44.3	49.5	42.4	38.8
	30	54.7	53.3	58.6	51.2	45.9	56.5	45.9	40.7
	37	49.5	50.3	54.6	48.8	44.4	52.8	43.4	38.8
	45	51.0	49.5	56.2	48.4	42.5	54.7	43.1	37.2
	55	55.6	52.8	60.5	51.3	44.3	58.6	45.6	38.7
	66	50.9	47.3	55.4	45.9	39.1	54.0	40.8	34.2
Overall CDM Losses (W)	22	940.2	513.8	738.5	424.1	321.3	576.2	343.5	271.0
	30	1231.3	644.3	992.1	539.5	394.8	791.9	442.4	336.6
	37	1335.2	720.8	1102.8	611.4	449.4	880.9	496.7	377.5
	45	1651.0	836.5	1357.0	704.7	493.9	1085.6	569.6	412.2
	55	2110.8	1041.1	1710.5	869.7	597.9	1358.0	700.6	499.6
	66	2632.8	1254.3	2123.4	1044.1	702.5	1690.4	843.3	589.0
Percentage of Rated Apparent Power (%)	22	2.8	1.6	2.2	1.3	1.0	1.7	1.0	0.8
	30	2.8	1.5	2.3	1.2	0.9	1.8	1.0	0.8
	37	2.5	1.3	2.0	1.1	0.8	1.6	0.9	0.7
	45	2.6	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	55	2.7	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	66	2.8	1.3	2.3	1.1	0.7	1.8	0.9	0.6

230V Drive Information

	Rated Output Power ND (Hp)					
	30	40	50	60	75	100
Rated Output Current (A)	80	104	130	154	192	260
Rated Apparent Power (kVA)	31.9	41.1	51.8	61.4	76.5	103.6
Standby Losses to S Rated (%)	0.4	0.3	0.2	0.2	0.2	0.1

230V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	49.30	58.6	59.0	62.6	63.7	63.9	63.7	63.6
	40	53.1	59.1	63.30	62.8	61.7	68.0	63.30	61.2
	50	41.9	47.6	50.0	50.2	49.4	53.8	50.4	48.7
	60	44.6	48.8	53.6	52.0	50.0	58.7	52.7	49.6
	75	41.30	44.9	48.8	47.5	45.6	52.5	47.8	44.9
	100	51.9	54.30	61.2	57.4	54.2	66.1	57.5	53.30
Overall CDM Losses (W)	30	915.7	590.5	827.8	552.7	462.4	744.4	516	444.4
	40	1196.2	713.3	1070.4	660.8	530.5	952.2	610.2	506
	50	1132.2	683	1009	628.1	500.2	897.4	576.2	474.1
	60	1444.2	823.8	1293.5	757.2	581	1164.7	696.2	550.1
	75	1796.2	1009.2	1576	917.1	698.9	1389.8	833.7	657.8
	100	2682.2	1441.4	2344.8	1306.2	975.3	2070.1	1187.2	917.6
Percentage of Rated Apparent Power (%)	30	2.9	1.9	2.6	1.7	1.4	2.3	1.6	1.4
	40	2.9	1.7	2.6	1.6	1.3	2.3	1.5	1.2
	50	2.2	1.3	1.9	1.2	1.0	1.7	1.1	0.9
	60	2.4	1.3	2.1	1.2	0.9	1.9	1.1	0.9
	75	2.3	1.3	2.1	1.2	0.9	1.8	1.1	0.9
	100	2.6	1.4	2.3	1.3	0.9	2.0	1.1	0.9

240V Drive Information

	Rated Output Power ND (Hp)					
	30	40	50	60	75	100
Rated Output Current (A)	80	104	130	154	192	260
Rated Apparent Power (kVA)	31.9	41.4	51.8	61.3	76.5	103.6
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.25	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	43.3	45.6	45.8	43.5	41.0	43.4	38.5	35.8
	40	46.0	46.9	50.0	45.4	41.7	48.5	40.8	36.9
	50	42.3	44.9	47.0	43.7	40.7	45.7	38.8	35.2
	60	43.2	43.9	48.1	43.0	38.8	47.0	38.4	33.7
	75	46.7	46.3	51.5	45.2	40.0	50.2	40.3	34.8
	100	51.2	48.0	56.2	46.9	40.1	55.3	42.0	35.2
Overall CDM Losses (W)	30	804.5	460.1	641.9	383.6	297.7	505.6	311.8	250.3
	40	1036.9	566.7	845.5	478.4	359.0	679.6	393.5	305.1
	50	1141.2	643.7	950.2	547.3	412.2	761.5	443.3	342.7
	60	1400.1	741.1	1161.2	626.9	451.0	933.0	506.3	373.4
	75	1773.4	911.7	1453.8	766.8	540.4	1162.1	619.0	449.4
	100	2646.4	1273.7	2152.4	1066.2	721.8	1730.4	866.6	605.9
Percentage of Rated Apparent Power (%)	30	2.5	1.4	2.0	1.2	0.9	1.6	1.0	0.8
	40	2.5	1.4	2.0	1.2	0.9	1.6	0.9	0.7
	50	2.2	1.2	1.8	1.1	0.8	1.5	0.9	0.7
	60	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	75	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	100	2.6	1.2	2.1	1.0	0.7	1.7	0.8	0.6

400V Drive Information

	Rated Output Power ND (kW)			
	75	90	110	132
Rated Output Current (A)	140	170	205	260
Rated Apparent Power (kVA)	92.2	111.9	134.9	171.1
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	75	34.8	38.7	42.3	41.7	40.5	46.5	42.6	40.2
	90	32.5	35.1	39.2	37.6	35.6	43.1	38.0	35.1
	110	38.5	42.3	49.3	47.0	44.0	57.7	49.3	44.4
	132	41.8	45.7	52.6	50.1	47.3	59.9	52.0	47.1
Overall CDM Losses (W)	75	1515.2	869.4	1365.9	804.7	620.2	1230.7	743.6	589.9
	90	1677.6	930.8	1502.7	854.8	639.3	1348.6	784.2	604.0
	110	2139.2	1153.4	1938.4	1065.2	783.4	1767.9	984.6	742.7
	132	2777.9	1486.9	2461.6	1356.3	995.7	2194.2	1238.1	937.8
Percentage of Rated Apparent Power (%)	75	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.6
	90	1.5	0.8	1.3	0.8	0.6	1.2	0.7	0.5
	110	1.6	0.9	1.4	0.8	0.6	1.3	0.7	0.6
	132	1.6	0.9	1.4	0.8	0.6	1.3	0.7	0.5

480V Drive Information

	Rated Output Power ND (Hp)			
	100	125	150	200
Rated Output Current (A)	125	156	186	148.19
Rated Apparent Power (kVA)	99.6	124.3	248	197.6
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	100	32.8	36.8	40.2	39.9	39.0	44.6	41.1	38.9
	125	30.9	34.3	37.6	36.9	35.5	41.5	37.6	35.2
	150	35.7	40.3	45.9	45.0	42.7	53.9	47.4	43.3
	200	41.1	45.7	52.0	50.4	48.0	59.6	52.6	47.9
Overall CDM Losses (W)	100	1425.7	827.3	1296.7	770.5	597.0	1178.6	716.5	570.0
	125	1594.9	909.6	1438.6	840.8	638.7	1299.1	776.3	606.3
	150	1981.9	1098.9	1804.9	1019.8	761.7	1651.8	946.9	724.7
	200	2730.6	1487.2	2435.5	1364.0	1010.1	2183.3	1251.7	954.9
Percentage of Rated Apparent Power (%)	100	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	125	1.3	0.7	1.2	0.7	0.5	1.0	0.6	0.5
	150	0.8	0.4	0.7	0.4	0.3	0.7	0.4	0.3
	200	1.4	0.8	1.2	0.7	0.5	1.1	0.6	0.5

600V Drive Information

	Rated Output Power ND (Hp)												
	10	15	20[1]	20	25	30	40	50	60	75	100	125	150
Rated Output Current (A)	12	18	24	23	28	33	42	53	63	77	99	125	144
Rated Apparent Power (kVA)	12.0	17.9	23.9	22.9	27.9	32.9	41.8	52.8	62.7	76.7	98.6	124.5	143.4
Standby Losses to S Rated (%)	1.7	1.2	0.9	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.1

(1) 20 Hp, 24 A

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	59.3	80.7	72.4	87.3	93.4	81.1	91.0	94.5
	15	53.7	72.7	66.3	79.2	84.3	74.8	82.9	85.6
	20[1]	49.3	66.3	61.3	72.6	77.0	69.5	76.2	78.3
	20	48.2	65.2	59.9	71.5	76.0	68.0	75.0	77.3
	25	46.1	62.0	57.6	67.9	72.3	65.5	71.3	73.5
	30	44.6	59.5	56.0	65.3	69.2	63.7	68.9	70.4
	40	40.8	53.6	51.3	59.1	62.0	58.5	62.2	63.0
	50	41.0	52.6	51.5	58.1	60.2	58.8	61.1	61.2
	60	38.5	49.4	48.6	54.5	56.2	55.7	57.4	57.2
	75	38.1	48.5	48.2	54.0	55.6	55.3	57.1	56.9
	100	35.8	44.5	45.3	49.5	50.3	51.9	52.4	51.1
	125	37.8	45.8	47.8	50.9	51.0	54.7	53.5	51.7
	150	41.0	51.1	54.1	58.5	58.5	64.9	63.3	60.4
Overall CDM Losses (W)	10	344.5	289.8	334.4	284.8	265.9	324.4	279.8	263.3
	15	419.4	335.0	403.9	327.5	298.6	388.7	320.0	294.7
	20[1]	498.3	382.8	477.2	372.6	333.4	456.6	362.5	328.2
	20	486.4	376.2	466.3	366.5	329.0	446.6	356.8	324.1
	25	556.4	419.3	531.6	407.4	361.1	507.2	395.5	355.1
	30	628.5	463.4	598.7	449.1	393.9	569.6	435.1	386.7
	40	758.3	540.3	719.3	521.9	449.8	681.5	503.7	440.5
	50	922.9	635.6	872.0	611.9	518.2	822.9	588.6	506.4
	60	1038.7	708.6	982.4	681.9	569.5	928.9	656.0	556.2
	75	1234.8	819.5	1163.9	786.3	646.4	1097.1	754.2	629.9
	100	1557.4	999.4	1461.9	955.6	770.6	1373.2	913.5	749.2
	125	1955.8	1215.4	1828.8	1158.4	917.3	1712.7	1104.1	889.9
	150	2277.4	1394.4	2125.7	1327.2	1043.1	1988.5	1263.7	1011.2
Percentage of Rated Apparent Power (%)	10	2.9	2.4	2.8	2.4	2.2	2.7	2.3	2.2
	15	2.3	1.9	2.3	1.8	1.7	2.2	1.8	1.6
	20[1]	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	20	2.1	1.6	2.0	1.6	1.4	2.0	1.6	1.4
	25	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	30	1.9	1.4	1.8	1.4	1.2	1.7	1.3	1.2
	40	1.8	1.3	1.7	1.2	1.1	1.6	1.2	1.1
	50	1.7	1.2	1.7	1.2	1.0	1.6	1.1	1.0
	60	1.7	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	75	1.6	1.1	1.5	1.0	0.8	1.4	1.0	0.8
	100	1.6	1.0	1.5	1.0	0.8	1.4	0.9	0.8
	125	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7
	150	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7

(1) 20 Hp, 24 A

690V Drive Information

	Rated Output Power ND (Hp)												
	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132
Rated Output Current (A)	12	15	20	23	30	34	46	50	61	82	98	119	142
Rated Apparent Power (kVA)	13.7	17.2	22.9	26.3	34.3	38.9	52.6	57.2	69.7	93.7	112.1	136.0	162.3
Standby Losses to S Rated (%)	1.5	1.2	0.9	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1

690V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	63.6	86.4	77.9	93.5	100.0	87.4	97.7	101.2
	11.0	52.3	72.3	65.0	79.1	84.9	73.7	83.1	86.5
	15.0	46.9	64.3	58.6	70.7	75.6	66.8	74.5	77.1
	18.5	42.7	58.5	53.6	64.4	69.1	61.4	67.9	70.5
	22.0	43.3	57.8	54.5	63.6	67.4	62.3	67.3	68.6
	30.0	36.3	48.7	46.0	54.0	57.1	52.7	57.1	58.2
	37.0	37.9	49.2	47.9	54.5	56.6	54.9	57.4	57.6
	45.0	34.5	44.2	43.8	48.8	50.5	50.3	51.5	51.4
	55.0	30.9	39.1	39.2	43.6	44.6	45.2	46.2	45.6
	75.0	30.5	37.8	38.7	42.1	42.6	44.5	44.6	43.2
	90.0	30.7	37.7	39.0	42.1	42.3	44.9	44.4	43.0
	110.0	34.8	43.8	46.2	50.3	50.3	55.7	54.5	52.0
	132.0	35.2	43.6	46.8	50.0	50.0	56.1	54.2	51.3
Overall CDM Losses (W)	7.5	369.6	310.2	359.5	305.3	284.6	349.6	300.3	282.0
	11.0	408.4	333.2	395.6	326.9	300.9	383.1	320.7	297.7
	15.0	473.4	371.0	456.1	362.6	327.5	439.2	354.3	323.2
	18.5	515.0	395.8	494.9	386.1	345.3	475.2	376.5	340.4
	22.0	610.0	450.2	583.2	437.3	383.1	557.1	424.6	376.6
	30.0	675.1	491.2	644.4	476.5	414.5	614.5	462.0	407.0
	37.0	854.2	593.8	811.1	573.5	486.9	769.3	553.5	476.8
	45.0	932.5	633.8	884.4	611.2	511.1	838.1	589.0	499.7
	55.0	1001.4	660.9	947.3	635.2	518.1	895.8	610.2	505.2
	75.0	1325.1	848.4	1249.0	813.0	651.6	1177.6	778.8	634.1
	90.0	1587.7	1000.8	1493.7	957.6	761.1	1406.4	916.1	740.0
	110.0	1934.1	1193.9	1815.1	1140.1	895.7	1705.8	1088.9	869.8
	132.0	2337.8	1418.5	2189.3	1352.6	1053.4	2054.8	1290.3	1022.0
Percentage of Rated Apparent Power (%)	7.5	2.7	2.3	2.6	2.2	2.1	2.6	2.2	2.1
	11.0	2.4	1.9	2.3	1.9	1.7	2.2	1.9	1.7
	15.0	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	18.5	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	22.0	1.8	1.3	1.7	1.3	1.1	1.6	1.2	1.1
	30.0	1.7	1.3	1.7	1.2	1.1	1.6	1.2	1.0
	37.0	1.6	1.1	1.5	1.1	0.9	1.5	1.1	0.9
	45.0	1.6	1.1	1.5	1.1	0.9	1.5	1.0	0.9
	55.0	1.4	0.9	1.4	0.9	0.7	1.3	0.9	0.7
	75.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	90.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	110.0	1.4	0.9	1.3	0.8	0.7	1.3	0.8	0.6
	132.0	1.4	0.9	1.3	0.8	0.6	1.3	0.8	0.6

PowerFlex 753/755 Frame 7

208V Drive Information

	Rated Output Power ND (kW)			
	66	90	110	132
Rated Output Current (A)	260	359	414	477
Rated Apparent Power (kVA)	93.7	129.3	149.2	171.9
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	66	45.7	45.0	49.3	43.7	38.8	47.9	39.2	34.2
	90	62.1	60.8	71.2	61.6	53.0	73.9	57.7	48.3
	110	52.9	52.9	59.8	52.9	46.4	60.5	48.7	41.3
	132	53.0	51.7	59.6	51.6	44.6	60.3	47.5	39.9
Overall CDM Losses (W)	66	2364.7	1194.3	1888.9	994.8	697.1	1500.8	809.8	588.3
	90	3447.9	1658.4	2798.1	1396.7	945.3	2264.6	1153.0	809.1
	110	3517.0	1722.4	2801.0	1432.5	976.6	2213.7	1159.8	823.9
	132	4253.2	2027.8	3363.0	1678.6	1127.2	2657.4	1360.2	953.3
Percentage of Rated Apparent Power (%)	66	2.5	1.3	2.0	1.1	0.7	1.6	0.9	0.6
	90	2.7	1.3	2.2	1.1	0.7	1.8	0.9	0.6
	110	2.4	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	132	2.5	1.2	2.0	1.0	0.7	1.5	0.8	0.6

230V Drive Information

	Rated Output Power ND (Hp)			
	100	125	150	200
Rated Output Current (A)	260	312	360	477
Rated Apparent Power (kVA)	103.6	124.3	143.4	190.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

230V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	100	46.0	51.7	54.7	55.2	54.0	59.30	55.8	53.4
	125	52.4	58.9	64.8	64.4	61.6	73.2	66.6	61.8
	150	50.9	56.1	63.1	61.30	58.1	71.5	63.5	57.8
	200	57.6	60.9	70.4	65.9	61.6	79.0	67.7	61.0
Overall CDM Losses (W)	100	2377.6	1372.5	2094.8	1256.4	970.4	1857.1	1151.8	919.2
	125	2911.1	1606.9	2544.4	1460.2	1098.1	2242.6	1330.1	1035.1
	150	3380.8	1828	2956	1658.6	1224	2617.7	1511.3	1152.4
	200	4616.6	2388.4	3973.4	2143	1557.2	3481.7	1936.4	1458.9
Percentage of Rated Apparent Power (%)	100	2.3	1.3	2.0	1.2	0.9	1.8	1.1	0.9
	125	2.3	1.3	2.0	1.2	0.9	1.8	1.1	0.8
	150	2.4	1.3	2.1	1.2	0.9	1.8	1.1	0.8
	200	2.4	1.3	2.1	1.1	0.8	1.8	1.0	0.8

240V Drive Information

	Rated Output Power ND (Hp)			
	100	125	150	200
Rated Output Current (A)	260	312	360	477
Rated Apparent Power (kVA)	103.6	124.3	143.4	190.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	100	45.3	45.4	50.0	44.7	40.0	49.5	40.6	35.4
	125	52.0	52.9	60.5	54.1	47.7	63.4	51.0	43.4
	150	44.5	46.2	51.1	46.7	41.8	52.3	43.2	37.2
	200	53.2	52.5	60.4	52.7	45.9	61.9	49.0	41.1
Overall CDM Losses (W)	100	2340.6	1204.3	1913.5	1018.1	718.5	1549.4	838.1	608.8
	125	2886.9	1443.2	2378.0	1227.3	849.2	1943.9	1018.4	726.0
	150	2955.5	1503.0	2394.2	1263.0	879.3	1913.9	1028.3	740.6
	200	4266.7	2056.9	3411.8	1715.7	1159.5	2729.1	1401.9	983.6
Percentage of Rated Apparent Power (%)	100	2.3	1.2	1.8	1.0	0.7	1.5	0.8	0.6
	125	2.3	1.2	1.9	1.0	0.7	1.6	0.8	0.6
	150	2.1	1.0	1.7	0.9	0.6	1.3	0.7	0.5
	200	2.2	1.1	1.8	0.9	0.6	1.4	0.7	0.5

400V Drive Information

	Rated Output Power ND (kW)		
	160	200	250
Rated Output Current (A)	302	367	456
Rated Apparent Power (kVA)	198.8	241.6	300.1
Standby Losses to S Rated (%)	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	37.4	42.7	47.6	47.4	45.6	54.7	49.7	45.7
	200	38.1	42.2	48.1	46.5	44.0	55.2	48.6	44.0
	250	38.8	40.9	48.6	45.0	40.8	55.4	46.3	40.6
Overall CDM Losses (W)	160	3001.0	1673.2	2686.3	1542.0	1152.3	2411.1	1420.9	1092.9
	200	3797.4	2048.4	3383.4	1880.4	1379.4	3027.9	1727.3	1305.3
	250	4808.5	2410.0	4230.2	2185.9	1526.5	3744.3	1985.1	1433.4
Percentage of Rated Apparent Power (%)	160	1.5	0.8	1.4	0.8	0.6	1.2	0.7	0.5
	200	1.6	0.8	1.4	0.8	0.6	1.3	0.7	0.5
	250	1.6	0.8	1.4	0.7	0.5	1.2	0.7	0.5

480V Drive Information

	Rated Output Power ND (Hp)		
	250	300	350
Rated Output Current (A)	302	361	415
Rated Apparent Power (kVA)	240.6	287.6	330.7
Standby Losses to S Rated (%)	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	250	39.7	45.6	50.7	50.9	49.2	58.6	53.6	49.5
	300	39.5	43.0	50.1	47.5	44.0	57.7	49.8	44.1
	350	35.9	38.7	45.2	42.7	39.2	51.8	44.3	39.2
Overall CDM Losses (W)	250	3180.0	1789.3	2862.4	1656.9	1243.8	2584.9	1534.8	1184.0
	300	3936.3	2085.9	3522.3	1920.0	1379.5	3166.9	1768.9	1308.3
	350	4441.2	2277.6	3933.1	2077.9	1467.5	3502.5	1897.8	1383.5
Percentage of Rated Apparent Power (%)	250	1.3	0.7	1.2	0.7	0.5	1.1	0.6	0.5
	300	1.4	0.7	1.2	0.7	0.5	1.1	0.6	0.5
	350	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4

600V Drive Information

	Rated Output Power ND (Hp)		
	200	250	300
Rated Output Current (A)	192	242	289
Rated Apparent Power (kVA)	191.2	241.0	287.8
Standby Losses to S Rated (%)	0.2	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	200	44.9	54.6	59.3	62.2	62.0	70.5	67.0	63.3
	250	47.9	55.9	63.0	63.5	61.8	74.8	68.2	63.0
	300	47.6	52.5	62.3	59.3	55.4	73.8	63.5	56.3
Overall CDM Losses (W)	200	2986.6	1776.4	2774.9	1683.3	1305.1	2582.2	1595.0	1260.9
	250	3842.8	2189.8	3556.1	2067.0	1562.8	3299.5	1951.9	1505.8
	300	4747.4	2549.0	4377.6	2396.3	1736.0	4051.8	2254.6	1668.4
Percentage of Rated Apparent Power (%)	200	1.6	0.9	1.5	0.9	0.7	1.4	0.8	0.7
	250	1.6	0.9	1.5	0.9	0.6	1.4	0.8	0.6
	300	1.6	0.9	1.5	0.8	0.6	1.4	0.8	0.6

690V Drive Information

	Rated Output Power ND (Hp)		
	160	200	250
Rated Output Current (A)	171	212	263
Rated Apparent Power (kVA)	195.5	242.4	300.7
Standby Losses to S Rated (%)	0.2	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	33.9	41.1	44.9	47.0	46.4	53.7	50.7	47.5
	200	34.4	40.5	45.4	46.1	44.7	54.2	49.6	45.6
	250	35.7	40.4	47.0	46.1	43.1	56.2	49.4	44.0
Overall CDM Losses (W)	160	2718.6	1609.9	2536.5	1528.8	1173.8	2369.5	1451.6	1135.0
	200	3432.4	1966.4	3192.6	1862.0	1402.2	2975.7	1763.5	1353.1
	250	4414.8	2378.3	4090.9	2242.8	1614.6	3803.2	2116.4	1554.0
Percentage of Rated Apparent Power (%)	160	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	200	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	250	1.5	0.8	1.4	0.7	0.5	1.3	0.7	0.5

PowerFlex 755 Frame 8

400V Drive Information

	Rated Output Power ND (kW)						
	250	315[1]	315[2]	355	400[3]	400[4]	500
Rated Output Current (A)	460	540	567	650	750	770	910
Rated Apparent Power (kVA)	302.8	355.4	373.2	427.8	493.6	506.8	598.9
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1

(1) 315 kW, 540 A
(2) 315 kW, 567 A
(3) 400 kW, 750 A
(4) 400 kW, 770 A

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	250	44.7	59.5	58.6	68.2	72.6	69.4	73.2	74.5
	315[1]	41.8	53.7	54.6	60.9	64.0	64.6	65.6	65.6
	315[2]	44.7	57.2	58.4	64.9	68.2	69.0	69.9	69.8
	355	46.2	56.9	60.0	64.8	66.4	70.8	69.1	67.9
	400[3]	46.7	59.8	61.0	68.3	70.8	72.4	73.3	72.6
	400[4]	48.8	62.6	63.7	71.6	74.4	75.6	76.9	76.4
	500	49.2	62.7	64.3	71.8	75.5	76.6	77.8	77.6
Overall CDM Losses (W)	250	5537.6	3506.6	5093.4	3316.5	2720.3	4696.1	3138.1	2633.8
	315[1]	6524.6	3968.0	5974.7	3737.2	3001.4	5489.4	3522.8	2898.3
	315[2]	6970.1	4224.5	6382.6	3979.5	3194.2	5866.3	3752.5	3085.4
	355	8102.5	4739.5	7393.3	4449.3	3504.2	6778.0	4182.7	3377.4
	400[3]	9235.8	5600.5	8454.2	5279.7	4205.9	7797.1	4990.3	4067.2
	400[4]	9637.1	5864.8	8826.4	5533.3	4422.8	8147.1	5234.9	4280.1
	500	12141.6	7352.3	11115.8	6943.0	5563.9	10273.7	6579.9	5392.0
Percentage of Rated Apparent Power (%)	250	1.8	1.2	1.7	1.1	0.9	1.6	1.0	0.9
	315[1]	1.8	1.1	1.7	1.1	0.8	1.5	1.0	0.8
	315[2]	1.9	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	355	1.9	1.1	1.7	1.0	0.8	1.6	1.0	0.8
	400[3]	1.9	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	400[4]	1.9	1.2	1.7	1.1	0.9	1.6	1.0	0.8
	500	2.0	1.2	1.9	1.2	0.9	1.7	1.1	0.9

(1) 315 kW, 540 A
(2) 315 kW, 567 A
(3) 400 kW, 750 A
(4) 400 kW, 770 A

480V Drive Information

	Rated Output Power ND (Hp)					
	350	400	450	500	600	650
Rated Output Current (A)	430	485	545	617	710	740
Rated Apparent Power (kVA)	342.6	386.4	434.2	491.6	565.7	589.6
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	350	43.5	58.4	57.1	67.1	71.7	68.0	72.2	73.7
	400	38.5	50.2	50.6	57.2	60.4	60.0	61.7	62.0
	450	39.2	50.3	51.3	57.5	60.0	60.8	61.6	61.5
	500	40.1	50.1	52.3	57.2	58.8	62.0	61.1	60.2
	600	36.8	47.3	48.4	54.2	56.6	57.7	58.7	58.2
	650	34.9	45.0	45.8	51.4	53.8	54.6	55.7	55.3
Overall CDM Losses (W)	350	5380.6	3440.4	4970.2	3263.4	2683.4	4601.3	3096.9	2602.5
	400	6009.4	3712.5	5528.8	3508.2	2831.4	5101.0	3317.2	2739.2
	450	6876.5	4182.8	6314.7	3947.5	3164.1	5819.6	3729.0	3059.2
	500	7918.6	4691.3	7252.9	4417.0	3493.2	6672.9	4164.4	3372.7
	600	9085.4	5541.2	8353.6	5238.8	4170.8	7735.0	4964.8	4039.3
	650	9636.9	5885.0	8862.3	5566.7	4441.9	8210.7	5279.4	4304.3
Percentage of Rated Apparent Power (%)	350	1.6	1.0	1.5	1.0	0.8	1.3	0.9	0.8
	400	1.6	1.0	1.4	0.9	0.7	1.3	0.9	0.7
	450	1.6	1.0	1.5	0.9	0.7	1.3	0.9	0.7
	500	1.6	1.0	1.5	0.9	0.7	1.4	0.8	0.7
	600	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7
	650	1.6	1.0	1.5	0.9	0.8	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (Hp)					
	300	350	400	450	500[1]	500
Rated Output Current (A)	295	355	395	435	510	460
Rated Apparent Power (kVA)	293.8	353.6	393.4	433.2	507.9	458.1
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

(1) 500 Hp, 510 A

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	300	41.2	44.0	53.4	49.0	43.4	62.8	51.9	43.6
	350	41.7	44.6	54.2	50.2	44.4	63.9	52.9	44.7
	400	38.0	40.4	49.3	45.2	40.1	58.3	48.0	40.4
	450	32.6	34.8	41.7	38.8	34.2	48.7	40.5	34.2
	500[1]	35.3	37.0	45.1	41.2	36.0	52.6	43.0	36.0
	500	31.1	33.1	39.8	36.9	32.5	46.5	38.6	32.6
Overall CDM Losses (W)	300	4111.2	2132.4	3757.3	1981.6	1360.2	3449.1	1842.3	1292.6
	350	5163.6	2629.4	4710.3	2440.8	1661.6	4323.2	2268.8	1578.9
	400	5919.4	2986.2	5394.6	2771.0	1880.7	4951.9	2576.5	1787.7
	450	5714.0	2896.6	5137.7	2660.6	1802.1	4660.7	2449.6	1701.0
	500[1]	6972.3	3470.1	6252.2	3182.0	2136.1	5668.6	2928.2	2015.7
	500	6144.8	3105.7	5522.1	2852.7	1933.0	5010.4	2627.7	1825.6
Percentage of Rated Apparent Power (%)	300	1.4	0.7	1.3	0.7	0.5	1.2	0.6	0.4
	350	1.5	0.7	1.3	0.7	0.5	1.2	0.6	0.4
	400	1.5	0.8	1.4	0.7	0.5	1.3	0.7	0.5
	450	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	500[1]	1.4	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	500	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4

(1) 500 Hp, 510 A

690V Drive Information

	Rated Output Power ND (kW)					
	250	315	355	400	450	500
Rated Output Current (A)	265	330	370	415	460	500
Rated Apparent Power (kVA)	302.9	377.2	423.0	474.4	525.9	571.6
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	250	31.5	35.3	41.3	40.1	36.4	49.1	42.6	36.9
	315	32.3	35.5	42.3	39.9	36.0	50.3	42.6	36.5
	355	33.0	35.7	43.1	40.4	36.0	51.2	42.8	36.4
	400	28.9	31.4	37.3	35.1	31.2	43.9	37.0	31.4
	450	26.2	28.1	33.9	31.4	27.9	39.8	33.2	28.1
	500	29.1	30.8	37.5	34.4	30.5	44.1	36.4	30.7
Overall CDM Losses (W)	250	3899.4	2081.0	3592.8	1948.6	1364.1	3322.9	1825.5	1304.0
	315	5038.7	2620.5	4629.5	2448.5	1689.0	4277.2	2290.9	1612.9
	355	5785.8	2968.4	5308.0	2770.6	1897.2	4901.8	2590.8	1810.9
	400	5711.7	2937.6	5173.7	2715.7	1854.7	4725.5	2516.5	1759.0
	450	6469.4	3286.9	5849.2	3034.9	2059.2	5339.2	2810.6	1952.1
	500	7171.1	3608.0	6473.8	3328.1	2246.9	5906.8	3080.9	2129.5
Percentage of Rated Apparent Power (%)	250	1.3	0.7	1.2	0.6	0.5	1.1	0.6	0.4
	315	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	355	1.4	0.7	1.3	0.7	0.4	1.2	0.6	0.4
	400	1.2	0.6	1.1	0.6	0.4	1.0	0.5	0.4
	450	1.2	0.6	1.1	0.6	0.4	1.0	0.5	0.4
	500	1.3	0.6	1.1	0.6	0.4	1.0	0.5	0.4

PowerFlex 755 Frame 9

400V Drive Information

	Rated Output Power ND (kW)					
	500	560	630	710	800	850
Rated Output Current (A)	910	1040	1090	1175	1465	1480
Rated Apparent Power (kVA)	598.9	684.5	717.4	773.4	964.2	974.1
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	500	47.1	51.0	60.6	57.2	54.4	70.9	60.6	55.0
	560	50.0	52.2	64.1	58.0	53.7	74.9	61.3	54.1
	630	48.3	50.6	62.0	56.4	52.6	72.5	59.7	53.1
	710	44.3	49.4	57.8	56.1	53.6	69.3	60.1	54.7
	800	51.9	54.4	67.6	61.5	56.3	80.9	65.6	57.4
	850	47.1	51.8	60.4	58.4	56.3	71.2	62.4	56.8
Overall CDM Losses (W)	500	11625.9	5972.3	10476.6	5524.9	4005.1	9511.8	5123.9	3818.6
	560	13818.2	6816.2	12414.8	6281.4	4432.1	11253	5807.1	4213.8
	630	14991.2	7434.6	13484.1	6864.5	4880.9	12242.5	6360.9	4650.1
	710	15496.7	8175.8	14195.5	7657.6	5608.1	13200.9	7216.4	5397.2
	800	20479	10144.2	18687.4	9455.7	6645.7	17374	8887.2	6377.8
	850	20860.7	10876.4	18742.2	10094.3	7410.3	17112.2	9434.8	7109.6
Percentage of Rated Apparent Power (%)	500	1.9	1.0	1.7	0.9	0.7	1.6	0.9	0.6
	560	2.0	1.0	1.8	0.9	0.6	1.6	0.8	0.6
	630	2.1	1.0	1.9	1.0	0.7	1.7	0.9	0.6
	710	2.0	1.1	1.8	1.0	0.7	1.7	0.9	0.7
	800	2.1	1.1	1.9	1.0	0.7	1.8	0.9	0.7
	850	2.1	1.1	1.9	1.0	0.8	1.8	1.0	0.7

480V Drive Information

	Rated Output Power ND (Hp)					
	700	800	900	1000	1100	1250
Rated Output Current (A)	800	960	1045	1135	1365	1420
Rated Apparent Power (kVA)	637.4	764.9	832.6	904.3	1087.6	1131.4
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	700	33.1	37.3	42.9	41.9	40.6	50.4	44.6	41.2
	800	36.9	39.3	47.5	44.2	41.1	55.7	46.6	41.6
	900	36.7	38.8	47.2	43.5	40.3	55.4	45.9	40.8
	1000	36.7	38.1	47.3	42.7	39.5	55.5	45.3	39.6
	1100	38.0	41.0	48.8	46.1	43.3	57.5	49.1	44.0
	1250	40.3	43.4	51.8	48.8	45.9	61.0	52.1	46.6
Overall CDM Losses (W)	700	10293.1	5478.6	9332.3	5097.3	3767.3	8515.8	4752.4	3605.6
	800	12914.1	6510.9	11658.3	6026.4	4300.1	10610.7	5594.2	4100.1
	900	14489.5	7232.6	13063	6689.5	4752.7	11883.6	6208.5	4531.6
	1000	16288.8	7997.6	14670.9	7389.7	5201.1	13344.8	6855.1	4957.1
	1100	18714.6	9564.5	16826.5	8858.4	6336	15359	8258.1	6060.6
	1250	19850.1	10127.1	17843.7	9381.6	6716.5	16292.8	8750.7	6428.1
Percentage of Rated Apparent Power (%)	700	1.6	0.9	1.5	0.8	0.6	1.3	0.7	0.6
	800	1.7	0.9	1.5	0.8	0.6	1.4	0.7	0.5
	900	1.7	0.9	1.6	0.8	0.6	1.4	0.7	0.5
	1000	1.8	0.9	1.6	0.8	0.6	1.5	0.8	0.5
	1100	1.7	0.9	1.5	0.8	0.6	1.4	0.8	0.6
	1250	1.8	0.9	1.6	0.8	0.6	1.4	0.8	0.6

600V Drive Information

	Rated Output Power ND (Hp)					
	600	700	800	900	950	1000
Rated Output Current (A)	595	630	760	825	900	980
Rated Apparent Power (kVA)	592.6	627.4	756.9	821.6	896.3	976.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	600	35.9	35.6	46.4	39.5	33.5	54.7	41.8	33.6
	700	34.6	34.2	44.7	38.0	32.1	52.7	40.2	32.3
	800	39.9	38.3	51.4	42.8	35.5	60.6	45.0	35.7
	900	33.0	32.1	41.7	35.4	29.6	48.6	36.9	29.5
	950	33.2	31.9	42.0	35.2	29.4	48.9	36.9	29.1
	1000	33.6	31.9	42.5	35.1	29.2	49.5	36.8	29.1
Overall CDM Losses (W)	600	9920	4646.8	8975.6	4282.6	2766.1	8218	3965.5	2618.5
	700	10757.7	5015.8	9729.2	4622.8	2984.6	8910.2	4282.6	2827.0
	800	13984.5	6347.4	12615.5	5840.1	3718.1	11552.1	5409.6	3521.7
	900	13010.5	5991.8	11542.1	5447.5	3488.1	10432	4993.3	3280.3
	950	14704.6	6696.1	13023.7	6081.9	3875	11769.4	5575.1	3644.8
	1000	16571	7441.8	14648.7	6749.4	4265.6	13232.7	6184.4	4011.0
Percentage of Rated Apparent Power (%)	600	1.7	0.8	1.5	0.7	0.5	1.4	0.7	0.4
	700	1.7	0.8	1.6	0.7	0.5	1.4	0.7	0.5
	800	1.8	0.8	1.7	0.8	0.5	1.5	0.7	0.5
	900	1.6	0.7	1.4	0.7	0.4	1.3	0.6	0.4
	950	1.6	0.7	1.5	0.7	0.4	1.3	0.6	0.4
	1000	1.7	0.8	1.5	0.7	0.4	1.4	0.6	0.4

690V Drive Information

	Rated Output Power ND (kW)					
	560	630	710	750	800	900
Rated Output Current (A)	590	650	710	765	795	860
Rated Apparent Power (kVA)	674.5	743.1	811.6	874.5	908.8	9831
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	560	37.4	37.7	48.6	42.1	36.1	57.7	44.8	36.4
	630	38.0	37.7	49.3	42.2	35.9	58.4	44.9	36.2
	710	38.0	37.3	49.3	41.9	35.2	58.4	44.3	35.5
	750	34.8	34.7	44.4	38.6	32.6	52.1	40.4	32.7
	800	32.9	32.6	41.9	36.2	30.5	49.0	37.9	30.6
	900	37.9	36.4	48.2	40.3	33.8	56.4	42.5	33.6
Overall CDM Losses (W)	560	10346.2	4922.4	9417.6	4563.6	2979.7	8671.5	4250.9	2834
	630	11798.3	5543	10725.1	5134.7	3332.2	9873.5	4782.3	3169.3
	710	13318.1	6179.6	12090.9	5719.4	3687.7	11128.4	5325.8	3507.1
	750	12190.6	5747.6	10901.6	5263	3416.5	9914.3	4854.3	3228.1
	800	12959.8	6075.3	11579	5560	3599.9	10528.6	5127.9	3401.5
	900	16784.6	7647.2	14933.1	6977.5	4447.6	13563.8	6429.3	4200.1
Percentage of Rated Apparent Power (%)	560	1.5	0.7	1.4	0.7	0.4	1.3	0.6	0.4
	630	1.6	0.7	1.4	0.7	0.4	1.3	0.6	0.4
	710	1.6	0.8	1.5	0.7	0.5	1.4	0.7	0.4
	750	1.4	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	800	1.4	0.7	1.3	0.6	0.4	1.2	0.6	0.4
	900	1.7	0.8	1.5	0.7	0.5	1.4	0.7	0.4

PowerFlex 755 Frame 10

400V Drive Information

	Rated Output Power ND (kW)	
	900	1250
Rated Output Current (A)	1590	2150
Rated Apparent Power (kVA)	1046.5	1415.1
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	900	57.3	53.2	73.1	59.0	50.5	85.2	62.0	50.2
	1250	67.9	65.1	85.9	72.0	62.8	100.3	76.0	63.2
Overall CDM Losses (W)	900	25384.4	11178	22654.1	10207.1	6652.8	20493.5	9378.7	6285.9
	1250	33467.1	15180.1	29614.4	13844	9185.2	26799.3	12768	8712.3
Percentage of Rated Apparent Power (%)	900	2.1	0.9	1.9	0.8	0.5	1.7	0.8	0.5
	1250	2.0	0.9	1.8	0.8	0.6	1.6	0.8	0.5

480V Drive Information

	Rated Output Power ND (Hp)	
	1350	1750
Rated Output Current (A)	1525	2070
Rated Apparent Power (kVA)	1215.0	1649.3
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1350	49.7	47.1	63.7	52.3	45.3	74.4	55.2	45.5
	1750	66.7	65.0	84.7	72.2	63.5	99.2	76.5	64.1
Overall CDM Losses (W)	1350	24508.7	10983.5	21934	10061.6	6626.1	19889.1	9272.5	6275.4
	1750	32853.8	15157.3	29198.8	13882.1	9290.7	26517	12851	8836
Percentage of Rated Apparent Power (%)	1350	2.0	0.9	1.8	0.8	0.5	1.6	0.8	0.5
	1750	2.0	0.9	1.8	0.8	0.6	1.6	0.8	0.5

600V Drive Information

	Rated Output Power ND (Hp)	
	1100	1400
Rated Output Current (A)	1110	1430
Rated Apparent Power (kVA)	115.5	1424.2
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1350	49.3	44.4	63.3	49.3	39.7	74.7	52.2	39.9
	1750	58.6	52.2	73.4	57.0	45.7	85.4	59.7	45.5
Overall CDM Losses (W)	1350	24303	10352.8	21796.9	9480.5	5808.3	19945.8	8772.8	5497
	1750	28849.6	12170.1	25287.1	10965.1	6678.3	22807.3	10032.2	6274.4
Percentage of Rated Apparent Power (%)	1350	21.0	9.0	18.9	8.2	5.0	17.3	7.6	4.8
	1750	2.0	0.9	1.8	0.8	0.5	1.6	0.7	0.4

690V Drive Information

	Rated Output Power ND (kW)	
	1000	1400
Rated Output Current (A)	1040	1400
Rated Apparent Power (kVA)	1188.9	1600.4
Standby Losses to S Rated (%)	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1000	46.5	42.8	60.0	47.8	39.0	71.1	50.8	39.3
	1400	58.7	53.1	74.0	58.4	47.2	86.5	61.4	47.2
Overall CDM Losses (W)	1000	22901.3	9979.4	20660	9190.3	5708.2	18988.8	8544.4	5422.2
	1400	28916.7	12383.2	25497.1	11221.6	6898.5	23107.3	10318.9	6506.7
Percentage of Rated Apparent Power (%)	1000	1.9	0.8	1.7	0.8	0.5	1.6	0.7	0.5
	1400	1.8	0.8	1.6	0.7	0.4	1.4	0.6	0.4

PowerFlex 4 AC Drives

These tables provide CDM losses for PowerFlex 4 AC drives.
Operating temperature and rated supply frequency can be found on the product label or publication 22-TD001.

Frame	Page
PowerFlex 4 Frame A	42
PowerFlex 4 Frame B	43

PowerFlex 4 Frame A

240V Drive Information

	Rated Output Power ND (kW)			
	0.2	0.4	0.75	1.5
Rated Output Current (A)	1.5	2.3	4.5	8
Rated Apparent Power (kVA)	0.6	0.9	1.8	3.2
Standby Losses to S Rated (%)	8.3	5.4	2.8	1.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.2	55.0	56.1	56.4	56.4	56.4	56.6	56.3	56.2
	0.4	56.9	57.6	58.5	57.8	57.7	58.6	57.5	57.4
	0.75	58.0	56.3	60.9	56.9	53.8	61.2	56.5	53.6
	1.5	61.7	61.3	66.2	61.9	59.1	66.8	61.0	58.3
Overall CDM Losses (W)	0.2	59.9	57.1	58.6	56.4	55.9	57.3	55.7	55.4
	0.4	66.5	61.7	64.5	60.6	59.8	62.4	59.4	59.1
	0.75	82.4	69.4	78.5	67.5	62.9	74.8	65.6	62.0
	1.5	115.9	89.5	107.6	85.5	76.2	99.8	81.5	74.2
Percentage of Rated Apparent Power (%)	0.2	10.0	9.5	9.8	9.4	9.3	9.6	9.3	9.2
	0.4	7.4	6.9	7.2	6.7	6.6	6.9	6.6	6.6
	0.75	4.6	3.9	4.4	3.8	3.5	4.2	3.6	3.4
	1.5	3.6	2.8	3.4	2.7	2.4	3.1	2.5	2.3

480V Drive Information

	Rated Output Power ND (Hp)		
	0.5	1	2
Rated Output Current (A)	1.4	2.3	4
Rated Apparent Power (kVA)	1.1	1.8	3.2
Standby Losses to S Rated (%)	3.2	2.0	1.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	41.0	41.9	42.9	42.5	42.6	43.7	42.7	42.6
	1.0	39.3	39.5	42.2	40.5	38.7	43.5	40.8	38.9
	2.0	41.8	42.5	46.7	44.1	42.4	49.2	44.6	42.5
Overall CDM Losses (W)	0.5	48.0	44.9	47.3	44.5	44.1	46.5	44.1	43.9
	1.0	55.8	48.7	54.5	48.0	45.3	53.1	47.3	44.9
	2.0	78.7	62.2	76.0	60.8	54.7	73.4	59.5	54.1
Percentage of Rated Apparent Power (%)	0.5	4.4	4.1	4.3	4.0	4.0	4.2	4.0	4.0
	1.0	3.1	2.7	3.0	2.7	2.5	3.0	2.6	2.5
	2.0	2.5	1.9	2.4	1.9	1.7	2.3	1.9	1.7

PowerFlex 4 Frame B

240V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	12	17.5
Rated Apparent Power (kVA)	4.8	7.0
Standby Losses to S Rated (%)	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	67.6	65.4	73.6	66.5	62.3	75.5	66.0	61.5
	3.7	160.1	115.8	148.0	110.2	94.7	137.3	105.0	92.2
Overall CDM Losses (W)	2.2	52.2	51.6	58.3	53.0	49.5	60.7	52.9	49.0
	3.7	195.4	137.9	180.3	130.9	110.5	167.2	124.4	107.3
Percentage of Rated Apparent Power (%)	2.2	1.1	1.1	1.2	1.1	1.0	1.3	1.1	1.0
	3.7	2.8	2.0	2.6	1.9	1.6	2.4	1.8	1.5

480V Drive Information

	Rated Output Power ND (Hp)	
	3	5
Rated Output Current (A)	6	8.7
Rated Apparent Power (kVA)	4.8	6.9
Standby Losses to S Rated (%)	0.8	0.5

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3	46.8	45.5	51.3	46.5	43.5	52.9	46.1	43.0
	5	36.5	36.1	40.3	36.9	34.5	41.6	36.6	34.1
Overall CDM Losses (W)	3	110.8	80.7	103.2	77.0	66.2	96.1	73.4	64.4
	5	136.4	96.5	124.9	91.1	77.1	114.5	86.1	74.6
Percentage of Rated Apparent Power (%)	3	2.3	1.7	2.2	1.6	1.4	2.0	1.5	1.3
	5	2.0	1.4	1.8	1.3	1.1	1.7	1.2	1.1

PowerFlex 4M AC Drives

These tables provide CDM losses for PowerFlex 4M AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 22F-TD001.

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PowerFlex 4M Frame A

240V Drive Information

	Rated Output Power ND (kW)			
	0.2	0.4	0.75	1.5
Rated Output Current (A)	1.6	2.5	4.2	8
Rated Apparent Power (kVA)	0.6	1.0	1.7	3.2
Standby Losses to S Rated (%)	7.8	5.0	3.0	1.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.2	55.0	56.0	56.5	56.4	56.5	57.1	56.6	56.5
	0.4	57.6	57.7	58.8	58.0	57.9	59.2	58.0	57.8
	0.75	59.5	56.0	60.0	56.0	53.1	59.9	55.8	53.1
	1.5	67.7	61.4	64.7	597	57.0	62.7	58.6	56.5
Overall CDM Losses (W)	0.2	60.0	57.0	58.7	56.4	56.0	57.8	56.0	55.8
	0.4	67.4	61.8	64.8	60.7	60.0	63.1	59.9	59.5
	0.75	84.5	69.0	77.4	66.5	62.1	73.2	64.8	61.4
	1.5	127.2	89.6	105.2	82.4	73.5	93.6	78.2	71.9
Percent of Losses to Rated Apparent Power (%)	0.2	10.0	9.5	9.8	9.4	9.3	9.6	9.3	9.3
	0.4	6.7	6.2	6.5	6.1	6.0	6.3	6.0	6.0
	0.75	5.0	4.1	4.6	3.9	3.7	4.3	3.8	3.6
	1.5	4.0	2.8	3.3	2.6	2.3	2.9	2.4	2.2

480V Drive Information

	Rated Output Power ND (Hp)	
	0.5	1
Rated Output Current (A)	1.5	2.5
Rated Apparent Power (kVA)	1.2	2.0
Standby Losses to S Rated (%)	3.0	1.8

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	43.0	43.6	44.9	44.2	44.2	45.7	44.3	44.2
	1.0	43.3	42.4	46.5	43.4	41.0	47.8	43.7	41.1
Overall CDM Losses (W)	0.5	50.3	46.7	49.5	46.2	45.8	48.7	45.8	45.5
	1.0	61.5	52.3	59.9	51.5	47.9	58.4	50.7	47.5
Percent of Losses to Rated Apparent Power (%)	0.5	4.2	3.9	4.1	3.9	3.8	4.1	3.8	3.8
	1.0	3.1	2.6	3.0	2.6	2.4	2.9	2.5	2.4

PowerFlex 4M Frame B

240V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	12	17.5
Rated Apparent Power (kVA)	4.8	7.0
Standby Losses to S Rated (%)	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	54.2	56.1	61.2	58.4	56.3	64.6	59.0	56.2
	3.7	41.1	43.3	47.2	45.2	43.5	50.2	45.8	43.5
Overall CDM Losses (W)	2.2	128.3	99.5	122.9	96.7	85.7	117.5	93.9	84.3
	3.7	153.7	115.7	146.0	111.7	97.2	138.4	107.7	95.2
Percent of Losses to Rated Apparent Power (%)	2.2	2.7	2.1	2.6	2.0	1.8	2.4	2.0	1.8
	3.7	2.2	1.7	2.1	1.6	1.4	2.0	1.5	1.4

480V Drive Information

	Rated Output Power ND (Hp)		
	2	3	5
Rated Output Current (A)	4.2	6	8.7
Rated Apparent Power (kVA)	3.4	4.8	7.0
Standby Losses to S Rated (%)	1.1	0.8	0.5

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2	43.8	44.0	48.8	45.4	43.5	51.0	45.8	43.4
	3	41.4	42.2	47.2	44.2	42.3	50.5	45.0	42.4
	5	35.8	35.6	39.8	37.0	35.1	42.3	37.7	35.4
Overall CDM Losses (W)	2	82.4	64.3	79.3	62.7	56.1	76.2	61.2	55.3
	3	98.1	74.8	94.8	73.2	64.4	91.8	71.6	63.6
	5	134.0	95.2	123.1	91.3	78.5	116.5	88.7	77.4
Percent of Losses to Rated Apparent Power (%)	2	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.6
	3	2.0	1.6	2.0	1.5	1.3	1.9	1.5	1.3
	5	1.9	1.4	1.8	1.3	1.1	1.7	1.3	1.1

PowerFlex 4M Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	25	33
Rated Apparent Power (kVA)	10.0	13.2
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	52.4	45.3	58.3	46.2	41.1	60.2	45.6	40.3
	7.5	53.4	50.2	58.8	50.0	44.4	58.9	47.9	42.5
Overall CDM Losses (W)	5.5	249.8	150.4	226.7	140.5	111.7	206.3	131.4	107.2
	7.5	310.5	180.2	271.5	163.3	126.3	235.6	147.3	118.3
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.5	2.3	1.4	1.1	2.1	1.3	1.1
	7.5	2.4	1.4	2.1	1.2	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (Hp)		
	7.5	10	15
Rated Output Current (A)	13	18	24
Rated Apparent Power (kVA)	10.4	14.3	19.1
Standby Losses to S Rated (%)	0.3	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	41.9	36.0	46.5	36.5	32.2	47.6	35.8	31.4
	10.0	47.2	43.8	53.9	44.9	39.3	56.4	44.2	38.3
	15.0	44.9	44.4	52.1	45.9	41.2	55.1	45.4	40.4
Overall CDM Losses (W)	7.5	200.0	119.5	180.8	111.1	87.4	163.3	103.1	83.4
	10.0	274.4	157.5	248.6	146.4	111.9	225.8	136.0	106.7
	15.0	350.9	204.6	317.1	189.6	146.1	286.2	175.2	138.9
Percent of Losses to Rated Apparent Power (%)	7.5	1.9	1.1	1.7	1.1	0.8	1.6	1.0	0.8
	10.0	1.9	1.1	1.7	1.0	0.8	1.6	1.0	0.7
	15.0	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.7

PowerFlex 40 AC Drives

These tables provide CDM losses for PowerFlex 40 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 22-TD001.

Frame	Page
PowerFlex 40 Frame B	48
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PowerFlex 40 Frame B

240V Drive Information

	Rated Output Power ND (kW)				
	0.4	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.3	5	8	12	17.5
Rated Apparent Power (kVA)	0.9	2.0	3.2	4.8	7.0
Standby Losses to S Rated (%)	5.4	2.5	1.6	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.4	56.4	57.4	58.3	57.9	57.8	58.7	57.8	57.6
	0.75	63.0	60.3	65.9	60.7	56.9	66.1	60.2	56.6
	1.5	59.0	59.7	63.9	60.7	58.5	65.2	60.4	57.9
	2.2	61.6	61.2	68.0	62.7	59.4	70.6	62.7	58.9
	3.7	48.5	49.1	54.3	50.5	47.6	56.5	50.4	47.2
Overall CDM Losses (W)	0.4	66.0	61.5	64.3	60.6	59.9	62.6	59.7	59.3
	0.75	89.4	74.3	85.0	72.1	66.5	80.8	69.9	65.5
	1.5	110.9	87.2	103.8	83.8	75.4	97.4	80.6	73.8
	2.2	145.9	108.4	136.7	103.9	90.4	128.4	99.7	88.3
	3.7	181.3	131.3	167.9	124.7	106.5	155.7	118.5	103.3
Percent of Losses to Rated Apparent Power (%)	0.4	7.3	6.8	7.1	6.7	6.7	7.0	6.6	6.6
	0.75	4.5	3.7	4.3	3.6	3.3	4.0	3.5	3.3
	1.5	3.5	2.7	3.2	2.6	2.4	3.0	2.5	2.3
	2.2	3.0	2.3	2.8	2.2	1.9	2.7	2.1	1.8
	3.7	2.6	1.9	2.4	1.8	1.5	2.2	1.7	1.5

480V Drive Information

	Rated Output Power ND (Hp)				
	0.5	1	2	3	5
Rated Output Current (A)	1.4	2.3	4	6	12
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8	9.6
Standby Losses to S Rated (%)	3.2	2.0	1.1	0.8	0.4

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	42.2	42.7	43.6	43.0	42.9	43.9	42.9	42.7
	1.0	41.9	41.1	44.2	41.6	39.5	44.7	41.5	39.3
	2.0	42.2	42.9	45.9	43.7	42.1	47.1	43.5	41.7
	3.0	45.2	44.6	49.7	45.6	43.1	51.4	45.4	42.6
	5.0	39.2	34.4	44.6	35.7	31.9	47.0	35.7	31.5
Overall CDM Losses (W)	0.5	49.4	45.8	48.1	45.0	44.5	46.8	44.3	44.0
	1.0	59.5	50.7	57.0	49.4	46.1	54.6	48.1	45.5
	2.0	79.4	62.7	74.7	60.3	54.3	70.3	58.1	53.1
	3.0	107.0	79.0	99.9	75.6	65.5	93.4	72.3	63.8
	5.0	186.9	114.3	173.4	108.5	86.5	161.1	103.0	83.8
Percent of Losses to Rated Apparent Power (%)	0.5	4.5	4.2	4.4	4.1	4.0	4.3	4.0	4.0
	1.0	3.3	2.8	3.2	2.7	2.6	3.0	2.7	2.5
	2.0	2.5	2.0	2.3	1.9	1.7	2.2	1.8	1.7
	3.0	2.2	1.6	2.1	1.6	1.4	1.9	1.5	1.3
	5.0	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9

600V Drive Information

	Rated Output Power ND (Hp)			
	1	2	3	5
Rated Output Current (A)	1.7	3	4.2	6.6
Rated Apparent Power (kVA)	1.7	3.0	4.2	6.6
Standby Losses to S Rated (%)	2.1	1.2	0.9	0.5

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1	43.2	42.2	46.2	43.1	40.7	47.5	43.3	40.8
	2	41.7	43.0	46.4	44.4	42.9	48.5	44.7	42.8
	3	43.7	43.8	49.5	45.6	43.3	52.5	46.2	43.3
	5	36.6	37.1	42.1	38.8	36.5	45.0	39.3	36.5
Overall CDM Losses (W)	1	61.3	52.0	59.6	51.1	47.6	58.1	50.3	47.1
	2	78.4	62.8	75.4	61.2	55.3	72.4	59.7	54.5
	3	103.7	77.7	99.4	75.6	65.9	95.5	73.5	64.8
	5	136.9	99.2	130.2	95.8	81.6	123.9	92.5	79.9
Percent of Losses to Rated Apparent Power (%)	1	3.6	3.1	3.5	3.0	2.8	3.4	3.0	2.8
	2	2.6	2.1	2.5	2.0	1.8	2.4	2.0	1.8
	3	2.5	1.9	2.4	1.8	1.6	2.3	1.8	1.5
	5	2.1	1.5	2.0	1.5	1.2	1.9	1.4	1.2

PowerFlex 40 Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	24	33
Rated Apparent Power (kVA)	9.6	13.2
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	49.5	43.9	54.1	44.0	39.5	54.2	42.6	38.2
	7.5	62.6	53.8	61.3	50.9	44.6	57.8	47.6	42.4
Overall CDM Losses (W)	5.5	236.3	145.5	210.3	134.0	107.2	186.1	122.8	101.7
	7.5	363.6	193.1	283.1	166.1	126.9	231.0	146.2	118.0
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.5	2.2	1.4	1.1	1.9	1.3	1.1
	7.5	2.8	1.5	2.1	1.3	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (Hp)		
	7.5	10	15
Rated Output Current (A)	12	17	24
Rated Apparent Power (kVA)	9.6	13.6	19.1
Standby Losses to S Rated (%)	0.4	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	39.2	34.4	44.6	35.7	31.9	47.0	35.7	31.5
	10	43.1	41.2	49.5	42.2	37.4	51.9	41.6	36.4
	15	38.8	38.4	47.3	41.1	36.7	52.6	42.2	36.8
Overall CDM Losses (W)	7.5	186.9	114.3	173.4	108.5	86.5	161.1	103.0	83.8
	10	250.6	148.0	228.3	137.8	106.4	207.5	127.9	101.4
	15	303.0	177.0	288.1	169.9	130.1	273.3	162.9	126.5
Percent of Losses to Rated Apparent Power (%)	7.5	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	10	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.7
	15	1.6	0.9	1.5	0.9	0.7	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (Hp)		
	7.5	10	15
Rated Output Current (A)	9.9	12	19
Rated Apparent Power (kVA)	9.9	12.0	18.9
Standby Losses to S Rated (%)	0.4	0.3	0.2

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	38.0	33.7	43.7	35.1	31.4	46.4	35.2	31.1
	10.0	35.6	34.6	41.6	36.1	32.6	44.7	36.3	32.2
	15.0	42.6	40.2	50.9	42.5	37.2	55.8	43.0	36.9
Overall CDM Losses (W)	7.5	181.4	111.9	169.9	106.6	85.2	159.2	101.6	82.6
	10.0	206.8	124.4	192.2	117.9	92.8	178.9	111.7	89.7
	15.0	332.4	185.4	310.3	175.5	131.6	290.0	166.1	126.9
Percent of Losses to Rated Apparent Power (%)	7.5	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	10.0	1.7	1.0	1.6	1.0	0.8	1.5	0.9	0.7
	15.0	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7

PowerFlex 40P AC Drives

These tables provide CDM losses for PowerFlex 40P AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 22D-TD001.

Frame	Page
PowerFlex 40P Frame B	52
PowerFlex 40P Frame C	54

PowerFlex 40P Frame B

240V Drive Information

	Rated Output Power ND (kW)				
	0.4	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.3	5	9	12	17.5
Rated Apparent Power (kVA)	0.9	2.0	3.6	4.8	7.0
Standby Losses to S Rated (%)	5.4	2.5	1.6	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.4	56.4	57.4	58.3	57.9	57.8	58.7	57.8	57.6
	0.75	63.0	60.3	65.9	60.7	56.9	66.1	60.2	56.6
	1.5	64.3	63.7	69.3	64.5	61.4	70.5	64.0	60.8
	2.2	61.6	61.2	68.0	62.7	59.4	70.6	62.7	58.9
	3.7	48.5	49.1	54.3	50.5	47.6	56.5	50.4	47.2
Overall CDM Losses (W)	0.4	66.0	61.5	64.3	60.6	59.9	62.6	59.7	59.3
	0.75	89.4	74.3	85.0	72.1	66.5	80.8	69.9	65.5
	1.5	120.9	93.0	112.6	89.1	79.2	105.2	85.4	77.4
	2.2	145.9	108.4	136.7	103.9	90.4	128.4	99.7	88.3
	3.7	181.3	131.3	167.9	124.7	106.5	155.7	118.5	103.3
Percent of Losses to Rated Apparent Power (%)	0.4	7.3	6.8	7.1	6.7	6.7	7.0	6.6	6.6
	0.75	4.5	3.7	4.3	3.6	3.3	4.0	3.5	3.3
	1.5	3.4	2.6	3.1	2.5	2.2	2.9	2.4	2.2
	2.2	3.0	2.3	2.8	2.2	1.9	2.7	2.1	1.8
	3.7	2.6	1.9	2.4	1.8	1.5	2.2	1.7	1.5

480V Drive Information

	Rated Output Power ND (kW)				
	0.5	1	2	3	5
Rated Output Current (A)	1.4	2.3	4	6	10.5
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8	8.4
Standby Losses to S Rated (%)	3.2	2.0	1.1	0.8	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	42.2	42.7	43.6	43.0	42.9	43.9	42.9	42.7
	1.0	41.9	41.1	44.2	41.6	39.5	44.7	41.5	39.3
	2.0	42.5	43.1	46.2	43.9	42.3	47.4	43.7	41.9
	3.0	45.2	44.6	49.7	45.6	43.1	51.4	45.4	42.6
	5.0	44.9	38.9	49.5	39.5	35.0	50.7	38.7	34.3
Overall CDM Losses (W)	0.5	49.4	45.8	48.1	45.0	44.5	46.8	44.3	44.0
	1.0	59.5	50.7	57.0	49.4	46.1	54.6	48.1	45.5
	2.0	79.8	63.0	75.2	60.7	54.5	70.7	58.4	53.4
	3.0	107.0	79.0	99.9	75.6	65.5	93.4	72.3	63.8
	5.0	168.0	104.0	153.3	97.4	78.3	139.7	91.1	75.1
Percent of Losses to Rated Apparent Power (%)	0.5	4.5	4.2	4.4	4.1	4.0	4.3	4.0	4.0
	1.0	3.3	2.8	3.2	2.7	2.6	3.0	2.7	2.5
	2.0	2.5	2.0	2.4	1.9	1.7	2.2	1.8	1.7
	3.0	2.2	1.6	2.1	1.6	1.4	1.9	1.5	1.3
	5.0	2.0	1.2	1.8	1.2	0.9	1.7	1.1	0.9

600V Drive Information

	Rated Output Power ND (Hp)			
	1	2	3	5
Rated Output Current (A)	1.7	3	4.2	6.6
Rated Apparent Power (kVA)	1.7	3.0	4.18	6.57
Standby Losses to S Rated (%)	2.1	1.2	0.9	0.5

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1	43.2	42.2	46.2	43.1	40.7	47.5	43.3	40.8
	2	41.7	43.0	46.4	44.4	42.9	48.5	44.7	42.8
	3	43.7	43.8	49.5	45.6	43.3	52.5	46.2	43.3
	5	36.6	37.1	42.1	38.8	36.5	45.0	39.3	36.5
Overall CDM Losses (W)	1	61.3	52.0	59.6	51.1	47.6	58.1	50.3	47.1
	2	78.4	62.8	75.4	61.2	55.3	72.4	59.7	54.5
	3	103.7	77.7	99.4	75.6	65.9	95.5	73.5	64.8
	5	136.9	99.2	130.2	95.8	81.6	123.9	92.5	79.9
Percent of Losses to Rated Apparent Power (%)	1	3.6	3.1	3.5	3.0	2.8	3.4	3.0	2.8
	2	2.6	2.1	2.5	2.0	1.8	2.4	2.0	1.8
	3	2.5	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	5	2.1	1.5	2.0	1.5	1.2	1.9	1.4	1.2

PowerFlex 40P Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	24	33
Rated Apparent Power (kVA)	9.56	13.15
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	49.5	43.9	54.1	44.0	39.5	54.2	42.6	38.2
	7.5	62.6	53.8	61.3	50.9	44.6	57.8	47.6	42.4
Overall CDM Losses (W)	5.5	236.3	145.5	210.3	134.0	107.2	186.1	122.8	101.7
	7.5	363.6	193.1	283.1	166.1	126.9	231.0	146.2	118.0
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.5	2.2	1.4	1.1	1.9	1.3	1.1
	7.5	2.8	1.5	2.2	1.3	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (Hp)		
	7.5	10	15
Rated Output Current (A)	12	17	24
Rated Apparent Power (kVA)	9.56	13.55	19.12
Standby Losses to S Rated (%)	0.4	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	39.2	34.4	44.6	35.7	31.9	47.0	35.7	31.5
	10	43.1	41.2	49.5	42.2	37.4	51.9	41.6	36.4
	15	38.8	38.4	47.3	41.1	36.7	52.6	42.2	36.8
Overall CDM Losses (W)	7.5	186.9	114.3	173.4	108.5	86.5	161.1	103.0	83.8
	10	250.6	148.0	228.3	137.8	106.4	207.5	127.9	101.4
	15	303.0	177.0	288.1	169.9	130.1	273.3	162.9	126.5
Percent of Losses to Rated Apparent Power (%)	7.5	2.0	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	10	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.7
	15	1.6	0.9	1.5	0.9	0.7	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (Hp)		
	7.5	10	15
Rated Output Current (A)	9.9	12	19
Rated Apparent Power (kVA)	9.86	11.95	18.92
Standby Losses to S Rated (%)	0.4	0.3	0.2

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	38.0	33.7	43.7	35.1	31.4	46.4	35.2	31.1
	10.0	35.6	34.6	41.6	36.1	32.6	44.7	36.3	32.2
	15.0	42.6	40.2	50.9	42.5	37.2	55.8	43.0	36.9
Overall CDM Losses (W)	7.5	181.4	111.9	169.9	106.6	85.2	159.2	101.6	82.6
	10.0	206.8	124.4	192.2	117.9	92.8	178.9	111.7	89.7
	15.0	332.4	185.4	310.3	175.5	131.6	290.0	166.1	126.9
Percent of Losses to Rated Apparent Power (%)	7.5	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	10.0	1.7	1.0	1.6	1.0	0.8	1.5	0.9	0.8
	15.0	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7

PowerFlex 70 AC Drives

These tables provide CDM losses for PowerFlex 70 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 20A-TD001.

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PowerFlex 70 Frame A

208V Drive Information

	Rated Output Power ND (kW)	
	0.37	0.75
Rated Output Current (A)	2.5	4.8
Rated Apparent Power (kVA)	0.9	1.73
Standby Losses to S Rated (%)	1.2	0.6

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	56.7	47.9	58.7	47.5	42.7	58.0	46.5	42.0
	0.75	56.7	47.9	58.7	47.5	42.7	58.0	46.5	42.0
Overall CDM Losses (W)	0.37	51.5	44.7	48.9	43.5	42.5	46.7	42.3	41.8
	0.75	92.4	62.9	84.2	59.6	50.6	77.5	56.7	49.3
Percent of Losses to Rated Apparent Power (%)	0.37	5.7	5.0	5.4	4.8	4.7	5.2	4.7	4.6
	0.75	5.3	3.6	4.9	3.4	2.9	4.5	3.3	2.8

240V Drive Information

	Rated Output Power ND (Hp)	
	0.5	1
Rated Output Current (A)	2.2	4.2
Rated Apparent Power (kVA)	0.88	1.67
Standby Losses to S Rated (%)	1.2	0.6

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	37.1	37.0	38.5	37.30	37.1	38.7	37.1	36.9
	1.0	48.8	43.1	51.0	43.2	39.7	51.0	42.5	39.2
Overall CDM Losses (W)	0.5	47.9	42.5	45.9	41.5	40.7	44.1	40.6	40.2
	1.0	79.5	56.6	73.3	54.1	47.1	68.2	51.8	46
Percent of Losses to Rated Apparent Power (%)	0.5	5.4	4.8	5.2	4.7	4.6	5.0	4.6	4.6
	1.0	4.8	3.4	4.4	3.2	2.8	4.1	3.1	2.8

400V Drive Information

	Rated Output Power ND (kW)		
	0.37	0.75	1.5
Rated Output Current (A)	1.3	2.1	3.5
Rated Apparent Power (kVA)	0.86	1.38	2.3
Standby Losses to S Rated (%)	1.2	0.8	0.5

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	29.5	30.4	31.0	30.8	30.8	31.6	30.9	30.8
	0.75	29.8	30.2	32.30	30.8	30.0	33.30	30.9	29.9
	1.5	27.0	27.6	29.9	28.5	27.7	31.4	28.7	27.6
Overall CDM Losses (W)	0.37	38	34.8	36.9	34.3	33.8	36	33.8	33.5
	0.75	48.6	39.7	46.4	38.6	35.6	44.5	37.7	35.1
	1.5	63.9	49	60.1	47.2	42.1	57	45.7	41.3
Percent of Losses to Rated Apparent Power (%)	0.37	4.4	4.0	4.3	4.0	3.9	4.2	3.9	3.9
	0.75	3.5	2.9	3.4	2.8	2.6	3.2	2.7	2.5
	1.5	2.8	2.1	2.6	2.1	1.8	2.5	2.0	1.8

480V Drive Information

	Rated Output Power ND (Hp)		
	0.5	1	2
Rated Output Current (A)	1.1	2.1	3.4
Rated Apparent Power (kVA)	0.88	1.67	2.71
Standby Losses to S Rated (%)	1.2	0.6	0.4

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	28.4	28.8	29.9	29.2	29.1	30.5	29.3	29.1
	1.0	35.6	32.7	38.3	33.3	31.0	39.5	33.4	30.9
	2.0	33.6	29.7	37.6	30.7	27.6	39.8	31.1	27.5
Overall CDM Losses (W)	0.5	36.7	33	35.6	32.5	32	34.7	32	31.7
	1.0	58.1	43	55	41.7	36.8	52.8	40.7	36.3
	2.0	100.3	64.6	93.7	62.1	50.6	89.1	60.1	49.8
Percent of Losses to Rated Apparent Power (%)	0.5	4.2	3.8	4.0	3.7	3.6	3.9	3.6	3.6
	1.0	3.5	2.6	3.3	2.5	2.2	3.2	2.4	2.2
	2.0	3.7	2.4	3.5	2.3	1.9	3.3	2.2	1.8

600V Drive Information

	Rated Output Power ND (Hp)		
	0.5	1	2
Rated Output Current (A)	0.9	1.7	2.7
Rated Apparent Power (kVA)	0.9	1.69	2.69
Standby Losses to S Rated (%)	1.2	0.6	0.4

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	28.4	30.4	30.7	31.3	31.6	32.0	31.8	31.8
	1.0	35.8	34.6	38.8	35.5	34.2	40.4	35.9	34.3
	2.0	40.0	35.6	44.0	36.8	33.8	46.2	37.3	33.9
Overall CDM Losses (W)	0.5	40.3	37.5	39.6	37.2	36.9	39.1	36.9	36.7
	1.0	58.4	45.4	55.8	44.5	40.5	54	43.8	40.2
	2.0	94.8	63.1	88.4	60.9	51.4	84.1	59.3	50.7
Percent of Losses to Rated Apparent Power (%)	0.5	4.5	4.2	4.4	4.1	4.1	4.3	4.1	4.1
	1.0	3.5	2.7	3.3	2.6	2.4	3.2	2.6	2.4
	2.0	3.5	2.3	3.3	2.3	1.9	3.1	2.2	1.9

PowerFlex 70 Frame B

208V Drive Information

	Rated Output Power ND (kW)	
	1.5	2.2
Rated Output Current (A)	7.8	11
Rated Apparent Power (kVA)	2.81	3.96
Standby Losses to S Rated (%)	0.4	0.3

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.5	31.8	27.2	32.9	26.7	23.6	31.8	25.5	22.8
	2.2	34.9	29.1	35.2	28.1	24.4	33.5	26.5	23.4
Overall CDM Losses (W)	1.5	75.4	48.2	66	44.2	35.9	57.9	40.6	34.2
	2.2	104.3	63.3	87.9	56.7	44.9	74.9	51.1	42.3
Percent of Losses to Rated Apparent Power (%)	1.5	2.7	1.7	2.3	1.6	1.3	2.1	1.4	1.2
	2.2	2.6	1.6	2.2	1.4	1.1	1.9	1.3	1.1

240V Drive Information

	Rated Output Power ND (Hp)	
	2	3
Rated Output Current (A)	6.8	9.6
Rated Apparent Power (kVA)	2.71	3.82
Standby Losses to S Rated (%)	0.4	0.3

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2	24.8	23.0	25.7	22.8	21.2	25.1	22.0	20.7
	3	29.0	25.2	29.8	24.7	22.0	28.8	23.5	21.2
Overall CDM Losses (W)	2	58.7	40.8	51.6	37.8	32.3	45.7	35.1	31
	3	86.7	54.9	74.3	49.8	40.4	64.4	45.5	38.4
Percent of Losses to Rated Apparent Power (%)	2	2.2	1.5	1.9	1.4	1.2	1.7	1.3	1.1
	3	2.3	1.4	1.9	1.3	1.1	1.7	1.2	1.0

400V Drive Information

	Rated Output Power ND (kW)	
	2.2	4
Rated Output Current (A)	5	8.7
Rated Apparent Power (kVA)	3.29	5.73
Standby Losses to S Rated (%)	0.3	0.2

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	36.1	37.0	40.0	38.1	36.8	41.9	38.4	36.7
	4.0	38.6	36.9	43.1	38.0	35.0	45.30	38.2	34.8
Overall CDM Losses (W)	2.2	85.5	65.5	80.5	63.2	56	76.2	61.1	55
	4.0	144.3	98.6	133.4	93.8	78.2	124.8	89.8	76.2
Percent of Losses to Rated Apparent Power (%)	2.2	2.6	2.0	2.4	1.9	1.7	2.3	1.9	1.7
	4.0	2.5	1.7	2.3	1.6	1.4	2.2	1.6	1.3

480V Drive Information

	Rated Output Power ND (Hp)	
	3	5
Rated Output Current (A)	6	8
Rated Apparent Power (kVA)	4.78	6.37
Standby Losses to S Rated (%)	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3	34.30	34.8	38.5	36.0	34.4	40.6	36.30	34.30
	5	28.5	28.5	32.4	29.7	27.9	34.5	30.0	27.9
Overall CDM Losses (W)	3	102.7	75.7	96.2	72.8	63.2	90.8	70.2	61.9
	5	135.9	94.5	126.1	90.2	75.9	118.4	86.5	74.1
Percent of Losses to Rated Apparent Power (%)	3	2.1	1.6	2.0	1.5	1.3	1.9	1.5	1.3
	5	2.1	1.5	2.0	1.4	1.2	1.9	1.4	1.2

600V Drive Information

	Rated Output Power ND (Hp)	
	3	5
Rated Output Current (A)	3.9	6.1
Rated Apparent Power (kVA)	3.88	6.08
Standby Losses to S Rated (%)	0.3	0.2

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3	28.2	29.30	32.2	30.8	30.1	34.6	31.6	30.4
	5	28.30	27.2	32.30	28.5	26.7	34.7	29.2	26.9
Overall CDM Losses (W)	3	84.4	63.7	80.3	62.2	55.4	77.3	61.1	54.9
	5	135.1	90.2	125.7	86.8	72.6	119	84.3	71.5
Percent of Losses to Rated Apparent Power (%)	3	2.2	1.6	2.1	1.6	1.4	2.0	1.6	1.4
	5	2.2	1.5	2.1	1.4	1.2	2.0	1.4	1.2

PowerFlex 70 Frame C

208V Drive Information

	Rated Output Power ND (kW)
	4
Rated Output Current (A)	17.5
Rated Apparent Power (kVA)	6.31
Standby Losses to S Rated (%)	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	4	46.2	38.2	47.2	37.1	32.0	45.4	35.2	30.8
Overall CDM Losses (W)		220.5	126.9	183.8	112.9	86.9	155.7	101.4	81.8
Percent of Losses to Rated Apparent Power (%)		3.5	2.0	2.9	1.8	1.4	2.5	1.6	1.3

240V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	15.3
Rated Apparent Power (kVA)	6.1
Standby Losses to S Rated (%)	0.2

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	37.7	32.6	39.2	32.1	28.4	38.30	30.7	27.5
Overall CDM Losses (W)		179.8	108.1	152.6	97.5	77	131.4	88.6	73.1
Percent of Losses to Rated Apparent Power (%)		2.9	1.8	2.5	1.6	1.3	2.2	1.5	1.2

400V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	11.5	15.4
Rated Apparent Power (kVA)	7.57	10.14
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.4	36.2	39.1	37.7	36.5	41.4	38.1	36.30
	7.5	38.0	37.4	43.5	38.8	35.9	46.2	38.9	35.5
Overall CDM Losses (W)	5.5	163.9	120.1	152	114.7	99.1	141.8	109.7	96.7
	7.5	220.8	134.3	201	126.5	102.3	184.8	119.7	99
Percent of Losses to Rated Apparent Power (%)	5.5	2.2	1.6	2.0	1.5	1.3	1.9	1.4	1.3
	7.5	2.2	1.3	2.0	1.2	1.0	1.8	1.2	1.0

480V Drive Information

	Rated Output Power ND (Hp)	
	7.5	10
Rated Output Current (A)	11	14
Rated Apparent Power (kVA)	8.76	11.15
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	28.5	30.5	33.2	32.1	31.0	35.7	32.5	30.8
	10.0	28.5	31.30	33.7	33.30	32.5	36.7	34.0	32.6
Overall CDM Losses (W)	7.5	165.5	109.7	153.1	104.6	88.2	142.7	100	85.9
	10.0	222.8	144.5	205.3	137.5	115.1	191	131.4	112.1
Percent of Losses to Rated Apparent Power (%)	7.5	1.9	1.3	1.7	1.2	1.0	1.6	1.1	1.0
	10.0	2.0	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (Hp)	
	7.5	10
Rated Output Current (A)	9	11
Rated Apparent Power (kVA)	8.96	10.96
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	26.4	29.4	31.2	31.4	31.8	34.30	32.6	32.1
	10.0	23.9	25.7	28.4	27.7	27.6	31.4	28.8	28.0
Overall CDM Losses (W)	7.5	153.6	105.5	144.1	102.5	90.4	137.3	100.1	89.4
	10.0	186.7	118.5	173	114.3	97.6	163.3	111.1	96.3
Percent of Losses to Rated Apparent Power (%)	7.5	1.7	1.2	1.6	1.1	1.0	1.5	1.1	1.0
	10.0	1.7	1.1	1.6	1.0	0.9	1.5	1.0	0.9

PowerFlex 70 Frame D

208V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	25.3	32.2	43
Rated Apparent Power (kVA)	9.12	11.6	15.49
Standby Losses to S Rated (%)	0.1	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	41.5	43.2	46.9	44.30	41.9	48.6	43.7	41.0
	7.5	39.0	40.2	44.4	41.30	38.5	46.4	40.7	37.7
	11.0	41.30	40.9	47.1	42.0	38.2	49.30	41.30	37.30
Overall CDM Losses (W)	5.5	241.3	155.3	216.4	144.4	119.3	194.3	134.3	114.2
	7.5	304.6	185	270.5	170.5	136.5	241	157.2	129.9
	11.0	416.8	236	366.2	215.3	165.5	323.9	196.7	156.4
Percent of Losses to Rated Apparent Power (%)	5.5	2.6	1.7	2.4	1.6	1.3	2.1	1.5	1.3
	7.5	2.6	1.6	2.3	1.5	1.2	2.1	1.4	1.1
	11.0	2.7	1.5	2.4	1.4	1.1	2.1	1.3	1.0

240V Drive Information

	Rated Output Power ND (Hp)		
	7.5	10	15
Rated Output Current (A)	22	28	42
Rated Apparent Power (kVA)	8.76	11.15	16.73
Standby Losses to S Rated (%)	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	37.1	40.0	42.4	41.30	39.8	44.5	41.2	39.1
	10.0	34.30	36.7	39.6	38.1	36.2	41.9	37.9	35.7
	15.0	33.9	34.6	39.4	35.9	33.3	41.8	35.7	32.7
Overall CDM Losses (W)	7.5	215.8	143.7	196	134.9	113.2	178.1	126.5	109
	10.0	268.3	169	241.3	157.3	128.2	217.6	146.4	122.8
	15.0	409.5	234.3	363.1	215.2	166.1	324.0	197.9	157.7
Percent of Losses to Rated Apparent Power (%)	7.5	2.5	1.6	2.2	1.5	1.3	2.0	1.4	1.2
	10.0	2.4	1.5	2.2	1.4	1.1	2.0	1.3	1.1
	15.0	2.4	1.4	2.2	1.3	1.0	1.9	1.2	0.9

400V Drive Information

	Rated Output Power ND (kW)			
	11	15	18.5	22
Rated Output Current (A)	22	30	37	43
Rated Apparent Power (kVA)	14.48	19.75	24.35	28.30
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11.0	33.5	37.5	39.9	39.9	38.8	43.7	40.8	38.9
	15.0	34.6	37.4	41.4	39.9	38.0	45.4	40.8	38.0
	18.5	36.1	37.9	43.2	40.3	37.9	47.4	41.2	37.9
	22.0	33.1	34.1	39.1	35.8	33.2	42.2	36.2	32.8
Overall CDM Losses (W)	11.0	261.4	172.7	243.3	164.9	137.4	227.2	157.6	133.8
	15.0	349.6	215.9	322.1	204.5	164.4	298.4	194.1	159.3
	18.5	435.2	256.6	398.3	241.7	189.3	367.1	228.3	182.9
	22.0	465.9	265.5	417.9	245.9	188.7	377.7	228.2	180.1
Percent of Losses to Rated Apparent Power (%)	11.0	1.8	1.2	1.7	1.1	0.9	1.6	1.1	0.9
	15.0	1.8	1.1	1.6	1.0	0.8	1.5	1.0	0.8
	18.5	1.8	1.1	1.6	1.0	0.8	1.5	0.9	0.8
	22.0	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.6

480V Drive Information

	Rated Output Power ND (Hp)			
	15	20	25	30
Rated Output Current (A)	22	27	34	40
Rated Apparent Power (kVA)	17.53	21.51	27.09	31.87
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	27.30	31.4	33.1	33.8	33.2	36.7	34.9	33.4
	20	27.6	31.0	33.5	33.30	32.4	37.2	34.30	32.6
	25	34.8	37.2	41.9	39.7	37.7	46.3	40.8	37.7
	30	32.0	33.5	38.0	35.3	33.0	41.3	35.9	327
Overall CDM Losses (W)	15	275.6	181.2	257.3	173.3	143.7	241.1	165.9	140
	20	332.7	209.7	308.7	199.6	161.8	287.8	190.3	157.2
	25	419.5	251.9	386.5	238.4	188.2	358.3	226.2	182.2
	30	450.1	260.9	406.3	242.9	187.7	369.3	226.5	179.7
Percent of Losses to Rated Apparent Power (%)	15	1.6	1.0	1.5	1.0	0.8	1.4	0.9	0.8
	20	1.5	1.0	1.4	0.9	0.8	1.3	0.9	0.7
	25	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.7
	30	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6

600V Drive Information

	Rated Output Power ND (Hp)			
	15	20	25	30
Rated Output Current (A)	17	22	27	32
Rated Apparent Power (kVA)	16.93	21.91	26.89	31.87
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	24.4	26.6	29.5	28.9	28.6	33.2	30.30	29.1
	20	27.5	27.8	33.0	30.0	28.7	36.9	31.30	29.2
	25	26.9	28.6	31.7	30.1	28.9	34.4	30.5	28.8
	30	26.7	27.8	31.8	29.4	27.7	34.9	30.0	27.6
Overall CDM Losses (W)	15	246.7	153.4	229.7	148.1	123.6	217.9	144.1	122
	20	331.6	188.2	304.4	179.9	143.6	285.8	173.8	141.1
	25	325.0	193.4	292.7	180.5	144.6	266.5	169.3	139.1
	30	376.1	216.3	340.3	201.9	157.4	311.9	189.3	151.3
Percent of Losses to Rated Apparent Power (%)	15	1.5	0.9	1.4	0.9	0.7	1.3	0.9	0.7
	20	1.5	0.9	1.4	0.8	0.7	1.3	0.8	0.6
	25	1.2	0.7	1.1	0.7	0.5	1.0	0.6	0.5
	30	1.2	0.7	1.1	0.6	0.5	1.0	0.6	0.5

PowerFlex 70 Frame E

240V Drive Information

	Rated Output Power ND (Hp)	
	20	25
Rated Output Current (A)	54	70
Rated Apparent Power (kVA)	21.5	27.9
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	37.1	38.2	43.6	39.8	36.9	46.8	40.0	36.3
	25	36.3	37.9	42.8	39.8	37.0	46.0	39.9	36.4
Overall CDM Losses (W)	20	523.1	297.5	466.7	274.0	209.9	418.4	252.5	199.3
	25	674.6	382.1	599.5	351.3	268.3	536.0	323.5	254.6
Percent of Losses to Rated Apparent Power (%)	20	2.4	1.4	2.2	1.3	1.0	1.9	1.2	0.9
	25	2.4	1.4	2.1	1.3	1.0	1.9	1.2	0.9

400V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	60	72
Rated Apparent Power (kVA)	39.5	47.4
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	31.2	32.0	36.8	33.6	31.0	39.6	33.6	30.5
	37	30.5	31.9	35.9	33.5	31.3	38.7	33.7	30.9
Overall CDM Losses (W)	30	580.5	323.0	515.7	296.4	225.0	460.9	272.4	213.3
	37	687.1	385.0	608.2	353.1	269.2	542.1	324.4	255.3
Percent of Losses to Rated Apparent Power (%)	30	1.5	0.8	1.3	0.8	0.6	1.2	0.7	0.5
	37	1.4	0.8	1.3	0.7	0.6	1.1	0.7	0.5

480V Drive Information

	Rated Output Power ND (kW)	
	40	50
Rated Output Current (A)	52	65
Rated Apparent Power (kVA)	41.4	51.8
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	27.3	29.0	32.4	30.6	28.8	35.0	30.8	28.5
	50	28.0	30.0	33.2	31.7	30.0	35.9	32.0	29.6
Overall CDM Losses (W)	40	507.9	292.6	454.3	270.2	209.0	408.2	249.7	198.9
	50	630.3	362.0	561.3	333.7	257.7	502.9	308.1	245.2
Percent of Losses to Rated Apparent Power (%)	40	1.2	0.7	1.1	0.7	0.5	1.0	0.6	0.5
	50	1.2	0.7	1.1	0.6	0.5	1.0	0.6	0.5

600V Drive Information

	Rated Output Power ND (kW)	
	40	50
Rated Output Current (A)	41	52
Rated Apparent Power (kVA)	40.83	51.79
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	29.1	30.6	34.2	32.4	30.5	37.0	32.9	30.3
	50	27.8	28.6	32.5	30.0	28.0	34.7	30.0	27.7
Overall CDM Losses (W)	40	539.7	309.1	479.9	286.1	221.5	431.5	266.1	212.0
	50	627.1	345.0	549.2	315.4	241.1	485.7	289.3	228.8
Percent of Losses to Rated Apparent Power (%)	40	1.3	0.8	1.2	0.7	0.5	1.1	0.7	0.5
	50	1.2	0.7	1.1	0.6	0.5	0.9	0.6	0.4

PowerFlex 400 AC Drives

These tables provide CDM losses for PowerFlex 70 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 22C-TD001.

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PowerFlex 400 Frame C

240V Drive Information

	Rated Output Power ND (kW)			
	2.2	3.7	5.5	7.5
Rated Output Current (A)	12	17.5	24	33
Rated Apparent Power (kVA)	4.8	7.0	9.6	13.2
Standby Losses to S Rated (%)	1.0	0.7	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	63.6	62.1	69.3	63.3	59.6	71.0	62.8	58.9
	3.7	51.4	50.8	57.7	52.5	49.1	60.6	52.7	48.8
	5.5	50.4	44.0	56.7	45.3	40.6	59.2	45.1	40.0
	7.5	53.7	50.7	59.2	50.5	44.7	59.2	48.1	42.7
Overall CDM Losses (W)	2.2	150.8	110.1	139.3	104.8	90.7	129.2	99.9	88.3
	3.7	192.3	135.8	178.7	129.6	109.6	166.9	123.9	106.8
	5.5	240.5	146.2	220.5	137.8	110.2	203.0	130.1	106.4
	7.5	311.8	182.0	273.2	164.7	127.2	236.6	148.0	118.9
Percent of Losses to Rated Apparent Power (%)	2.2	3.1	2.3	2.9	2.2	1.9	2.7	2.1	1.8
	3.7	2.7	1.9	2.6	1.9	1.6	2.4	1.8	1.5
	5.5	2.5	1.5	2.3	1.4	1.1	2.1	1.4	1.1
	7.5	2.4	1.4	2.1	1.2	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (Hp)					
	3	5	7.5	10	15	20
Rated Output Current (A)	6	10.5	12	17	22	30
Rated Apparent Power (kVA)	4.8	8.4	9.6	13.6	17.5	23.9
Standby Losses to S Rated (%)	1.0	0.6	0.5	0.4	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.0	55.4	56.3	61.2	57.7	55.2	63.2	57.4	54.6
	5.0	49.4	44.7	55.3	45.9	41.9	57.5	45.7	41.5
	7.5	41.0	37.8	46.8	39.3	36.2	49.5	39.6	35.9
	10.0	46.4	45.0	53.8	46.8	42.4	57.3	46.9	41.8
	15.0	46.4	45.0	53.8	46.8	42.4	57.3	46.9	41.8
	20.0	46.4	45.0	53.8	46.8	42.4	57.3	46.9	41.8
Overall CDM Losses (W)	3.0	131.4	99.8	123.0	95.5	84.0	114.9	91.3	81.8
	5.0	184.9	119.5	171.0	113.3	93.6	158.4	107.5	90.7
	7.5	195.3	125.5	182.0	119.6	98.4	169.7	114.0	95.6
	10.0	269.4	161.6	248.2	152.6	120.7	229.2	144.2	116.6
	15.0	269.4	161.6	248.2	152.6	120.7	229.2	144.2	116.6
	20.0	269.4	161.6	248.2	152.6	120.7	229.2	144.2	116.6
Percent of Losses to Rated Apparent Power (%)	3.0	2.7	2.1	2.6	2.0	1.8	2.4	1.9	1.7
	5.0	2.2	1.4	2.0	1.3	1.1	1.9	1.3	1.1
	7.5	2.0	1.3	1.9	1.2	1.0	1.8	1.2	1.0
	10.0	2.0	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	15.0	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.7
	20.0	1.1	0.7	1.0	0.6	0.5	1.0	0.6	0.5

PowerFlex 400 Frame D

240V Drive Information

	Rated Output Power ND (kW)			
	11	15	18.5	22
Rated Output Current (A)	49	65	75	90
Rated Apparent Power (kVA)	19.5	25.9	29.9	35.9
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11.0	49.6	49.1	56.6	49.8	44.6	58.2	48.1	42.9
	15.0	51.4	50.8	58.9	51.6	45.9	60.9	49.8	44.1
	18.5	52.2	52.1	59.3	52.2	46.3	60.2	49.6	43.9
	22.0	51.4	51.1	59.3	51.9	45.9	61.5	50.2	43.9
Overall CDM Losses (W)	11.0	387.6	226.0	344.5	205.7	157.9	302.7	185.7	147.7
	15.0	519.5	293.1	458.6	264.9	198.9	399.9	237.2	184.8
	18.5	629.8	352.5	546.8	313.4	231.3	466.3	275.0	211.8
	22.0	723.5	397.7	634.8	356.8	261.0	549.6	316.7	240.8
Percent of Losses to Rated Apparent Power (%)	11.0	2.0	1.2	1.8	1.1	0.8	1.6	1.0	0.8
	15.0	2.0	1.1	1.8	1.0	0.8	1.5	0.9	0.7
	18.5	2.1	1.2	1.8	1.0	0.8	1.6	0.9	0.7
	22.0	2.0	1.1	1.8	1.0	0.7	1.5	0.9	0.7

480V Drive Information

	Rated Output Power ND (Hp)		
	25	30	40
Rated Output Current (A)	38	45.5	60
Rated Apparent Power (kVA)	30.3	36.3	47.8
Standby Losses to S Rated (%)	0.2	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	40.0	41.0	48.8	43.4	39.5	53.9	44.0	39.1
	30	41.1	42.0	50.4	44.6	40.4	56.0	45.5	40.0
	40	39.8	40.1	49.6	43.3	38.6	56.2	44.6	38.5
Overall CDM Losses (W)	25	482.8	277.1	449.8	260.5	197.3	417.5	244.1	188.7
	30	578.8	326.9	539.4	307.0	230.0	501.1	287.5	219.7
	40	738.8	404.0	695.4	382.4	280.5	654.4	361.3	269.5
Percent of Losses to Rated Apparent Power (%)	25	1.6	0.9	1.5	0.9	0.7	1.4	0.8	0.6
	30	1.6	0.9	1.5	0.8	0.6	1.4	0.8	0.6
	40	1.5	0.8	1.5	0.8	0.6	1.4	0.8	0.6

PowerFlex 400 Frame E

240V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	120	145
Rated Apparent Power (kVA)	47.8	57.8
Standby Losses to S Rated (%)	0.2	0.2

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	52.3	52.5	61.9	54.8	49.3	66.4	54.4	48.2
	37	54.8	52.1	65.0	54.2	46.7	70.0	53.6	45.3
Overall CDM Losses (W)	30	971.2	529.2	868.0	483.9	358.1	774.1	440.9	336.7
	37	1233.7	628.8	1100	571	401.6	980.2	516.7	374.6
Percent of Losses to Rated Apparent Power (%)	30	2.0	1.1	1.8	1.0	0.7	1.6	0.9	0.7
	37	2.1	1.1	1.9	1.0	0.7	1.7	0.9	0.6

480V Drive Information

	Rated Output Power ND (Hp)			
	50	60	70	100
Rated Output Current (A)	72	88	105	142
Rated Apparent Power (kVA)	57.4	70.1	83.7	113.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	50	36.9	39.3	44.7	42.2	39.0	49.6	43.3	38.9
	60	35.5	36.9	43.2	39.4	35.9	47.8	40.1	35.7
	70	34.2	37.3	43.0	40.8	37.7	48.9	42.3	37.9
	100	35.1	37.3	44.4	40.9	37.1	50.8	42.6	37.1
Overall CDM Losses (W)	50	832.3	474.4	756.6	443.9	335.0	694.2	416.8	321.9
	60	958.2	528.8	872.4	492.6	363.8	796.3	458.9	347.3
	70	1106.8	629.4	1037.6	593.8	438.1	970.0	558.7	419.6
	100	1525.3	837.1	1433.0	789.5	568.4	1343.5	742.6	543.6
Percent of Losses to Rated Apparent Power (%)	50	1.5	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	60	1.4	0.8	1.2	0.7	0.5	1.1	0.7	0.5
	70	1.3	0.8	1.2	0.7	0.5	1.2	0.7	0.5
	100	1.3	0.7	1.3	0.7	0.5	1.2	0.7	0.5

PowerFlex 400 Frame F

480V Drive Information

	Rated Output Power ND (Hp)	
	125	150
Rated Output Current (A)	170	208
Rated Apparent Power (kVA)	135.5	165.7
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	125	36.4	37.6	45.6	41.1	37.0	51.6	42.3	36.8
	150	40.8	44.4	54.1	50.6	46.0	65.0	54.3	47.1
Overall CDM Losses (W)	125	1880.0	998.2	1744.7	935.0	664.9	1613.6	872.9	633.3
	150	2266.7	1210.5	2126.6	1147.0	818.9	1992.8	1085.1	787.7
Percent of Losses to Rated Apparent Power (%)	125	1.4	0.7	1.3	0.7	0.5	1.2	0.6	0.5
	150	1.4	0.7	1.3	0.7	0.5	1.2	0.7	0.5

PowerFlex 400 Frame G

480V Drive Information

	Rated Output Power ND (Hp)	
	200	250
Rated Output Current (A)	260	310
Rated Apparent Power (kVA)	207.2	247.0
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	200	50.6	50.1	66.2	56.6	49.6	78.6	60.4	50.3
	250	55.3	51.1	72.3	57.6	47.8	85.8	61.4	48.4
Overall CDM Losses (W)	200	3365.1	1632.7	3101.0	1531.0	1045.1	2876.6	1439.5	1001.9
	250	4430.8	2002.2	4078.9	1872.6	1209.8	3784.9	1757.6	1158.1
Percent of Losses to Rated Apparent Power (%)	200	1.6	0.8	1.5	0.7	0.5	1.4	0.7	0.5
	250	1.8	0.8	1.7	0.8	0.5	1.5	0.7	0.5

PowerFlex 400 Frame H

480V Drive Information

	Rated Output Power ND (Hp)	
	300	350
Rated Output Current (A)	370	460
Rated Apparent Power (kVA)	294.8	366.5
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	300	47.1	44.1	61.5	49.3	40.5	72.9	52.4	40.8
	350	53.1	48.7	69.5	55.0	44.3	82.9	58.3	44.7
Overall CDM Losses (W)	300	4701.9	2141.4	4321.4	1994.6	1269.7	4002.5	1863.2	1208.9
	350	6570.8	2869.4	6040.9	2671.9	1658.1	5606.6	2498.3	1579.2
Percent of Losses to Rated Apparent Power (%)	300	1.6	0.7	1.5	0.7	0.4	1.4	0.6	0.4
	350	1.8	0.8	1.6	0.7	0.5	1.5	0.7	0.4

PowerFlex 523 AC Drives

These tables provide CDM losses for PowerFlex 523 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 520-TD001.

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PowerFlex 523 Frame A

240V Drive Information

	Rated Output Power ND (Hp)				
	0.25	0.5	1	2	3
Rated Output Current (A)	1.6	1.4	2.5	8	11
Rated Apparent Power (kVA)	0.6	1.1	1.0	3.2	4.4
Standby Losses to S Rated (%)	7.8	5.0	2.5	1.6	1.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.25	55.9	56.8	57.3	57.2	57.2	57.8	57.3	57.2
	0.5	54.8	56.2	57.1	56.9	57.0	58.0	57.1	57.0
	1.0	54.8	56.2	57.1	56.9	57.0	58.0	57.1	57.0
	2.0	52.4	54.6	57.5	56.0	54.7	59.5	56.1	54.4
	3.0	49.5	52.3	55.0	53.9	52.6	57.3	54.1	52.3
Overall CDM Losses (W)	0.25	58.1	55.9	57.4	55.5	55.2	56.7	55.1	55.0
	0.5	64.1	60.2	63.0	59.6	59.1	61.9	59.0	58.7
	1.0	64.1	60.2	63.0	59.6	59.1	61.9	59.0	58.7
	2.0	98.5	79.8	93.5	77.3	70.5	88.8	75.0	69.3
	3.0	117.3	92.7	110.6	89.3	80.0	104.2	86.0	78.3
Percent of Losses to Rated Apparent Power (%)	0.25	9.7	9.3	9.6	9.3	9.2	9.5	9.2	9.2
	0.5	5.8	5.5	5.7	5.4	5.4	5.6	5.4	5.3
	1.0	6.4	6.0	6.3	6.0	5.9	6.2	5.9	5.9
	2.0	3.1	2.5	2.9	2.4	2.2	2.8	2.3	2.2
	3.0	2.7	2.1	2.5	2.0	1.8	2.4	2.0	1.8

480V Drive Information

	Rated Output Power ND (Hp)			
	0.5	1	2	3
Rated Output Current (A)	1.4	2.3	4	0.5
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8
Standby Losses to S Rated (%)	0.4	0.3	0.2	0.2

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	53.6	55.6	56.3	56.6	56.8	57.7	57.0	57.0
	1.0	50.8	52.1	55.0	53.5	51.7	57.1	54.2	52.1
	2.0	48.2	51.7	54.3	53.8	53.2	57.6	54.8	53.5
	3.0	48.8	51.0	55.5	53.4	52.0	59.3	54.5	52.2
Overall CDM Losses (W)	0.5	62.7	59.6	62.1	59.3	58.9	61.5	58.9	58.6
	1.0	72.1	64.1	70.9	63.5	60.5	69.8	62.9	60.2
	2.0	90.6	75.5	88.3	74.3	68.6	86.0	73.2	68.1
	3.0	115.6	90.4	111.6	88.5	79.2	107.8	86.6	78.3
Percent of Losses to Rated Apparent Power (%)	0.5	5.7	5.4	5.6	5.4	5.4	5.6	5.4	5.3
	1.0	4.0	3.6	3.9	3.5	3.4	3.9	3.5	3.3
	2.0	2.8	2.4	2.8	2.3	2.1	2.7	2.3	2.1
	3.0	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.6

600V Drive Information

	Rated Output Power ND (kW)			
	0.4	0.75	1.5	2.2
Rated Output Current (A)	0.9	1.7	3	4.2
Rated Apparent Power (kVA)	0.9	1.7	3.0	4.2
Standby Losses to S Rated (%)	0.6	3.0	1.7	1.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.4	49.8	52.6	52.5	53.6	53.9	53.9	54.1	54.1
	0.75	47.5	49.8	51.6	51.3	50.0	53.8	52.0	50.4
	1.5	46.0	49.7	52.1	52.0	51.6	55.7	53.1	51.9
	2.2	45.7	48.1	52.6	50.7	49.6	56.8	52.0	49.9
Overall CDM Losses (W)	0.4	58.3	56.3	57.9	56.1	55.9	57.5	55.9	55.7
	0.75	67.5	61.3	66.6	60.8	58.4	65.8	60.4	58.2
	1.5	86.4	72.6	84.7	71.7	66.5	83.1	70.9	66.1
	2.2	108.4	85.2	105.8	84.0	75.4	103.3	82.7	74.8
Percent of Losses to Rated Apparent Power (%)	0.4	6.5	6.3	6.4	6.2	6.2	6.4	6.2	6.2
	0.75	4.0	3.6	3.9	3.6	3.4	3.9	3.6	3.4
	1.5	2.9	2.4	2.8	2.4	2.2	2.8	2.4	2.2
	2.2	2.6	2.0	2.5	2.0	1.8	2.5	2.0	1.8

PowerFlex 523 Frame B

240V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	17.5
Rated Apparent Power (kVA)	7.0
Standby Losses to S Rated (%)	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	45.1	46.2	50.7	47.8	45.3	53.1	47.8	45.0
Overall CDM Losses (W)		168.6	123.6	157.0	117.9	101.3	146.3	112.4	98.5
Percent of Losses to Rated Apparent Power (%)		2.4	1.8	2.2	1.7	1.4	2.1	1.6	1.4

480V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	10.5
Rated Apparent Power (kVA)	8.4
Standby Losses to S Rated (%)	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	42.8	39.8	49.2	41.7	38.8	52.6	42.4	38.9
Overall CDM Losses (W)		160.2	106.4	152.4	103.0	86.8	145.1	99.8	85.2
Percent of Losses to Rated Apparent Power (%)		1.9	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)
	4
Rated Output Current (A)	6.6
Rated Apparent Power (kVA)	6.6
Standby Losses to S Rated (%)	0.8

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	4	35.8	37.8	41.8	40.1	38.9	45.5	41.2	39.3
Overall CDM Losses (W)		133.7	101.1	129.4	99.0	87.0	125.3	97.0	85.9
Percent of Losses to Rated Apparent Power (%)		2.0	1.5	2.0	1.5	1.3	1.9	1.5	1.3

PowerFlex 523 Frame C

240V Drive Information

	Rated Output Power ND (Hp)
	7.5
Rated Output Current (A)	24
Rated Apparent Power (kVA)	9.6
Standby Losses to S Rated (%)	0.6

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	45.5	39.5	49.6	39.9	36.2	50.4	39.1	35.3
Overall CDM Losses (W)		217.2	131.1	193.0	121.4	98.2	172.8	112.6	94.0
Percent of Losses to Rated Apparent Power (%)		2.3	1.4	2.0	1.3	1.0	1.8	1.2	1.0

480V Drive Information

	Rated Output Power ND (Hp)	
	7.5	10
Rated Output Current (A)	13	17
Rated Apparent Power (kVA)	10.4	13.6
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	42.4	38.4	49.4	40.5	37.3	53.2	41.3	37.3
	10.0	43.4	42.6	51.6	45.1	41.4	56.4	46.0	41.3
Overall CDM Losses (W)	7.5	202.4	127.6	192.0	123.2	101.3	182.4	119.0	99.2
	10.0	252.0	152.9	238.4	147.1	117.7	225.7	141.5	115.0
Percent of Losses to Rated Apparent Power (%)	7.5	1.9	1.2	1.8	1.2	1.0	1.8	1.1	1.0
	10.0	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.1	33.2	39.9	35.2	33.5	43.2	36.0	33.6
	7.5	32.4	34.6	38.8	36.8	35.2	42.7	37.8	35.3
Overall CDM Losses (W)	5.5	162.9	110.3	155.3	107.0	90.9	148.2	103.9	89.3
	7.5	188.4	124.1	179.3	120.1	100.2	170.8	116.2	98.3
Percent of Losses to Rated Apparent Power (%)	5.5	1.6	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	7.5	1.6	1.0	1.5	1.0	0.8	1.4	1.0	0.8

PowerFlex 523 Frame D

240V Drive Information

	Rated Output Power ND (Hp)
	10
Rated Output Current (A)	32.2
Rated Apparent Power (kVA)	12.8
Standby Losses to S Rated (%)	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	57.4	58.4	65.5	60.4	57.0	69.2	60.5	56.2
Overall CDM Losses (W)		333.2	209.7	302.6	197.2	162.2	276.7	185.9	156.7
Percent of Losses to Rated Apparent Power (%)		2.6	1.6	2.4	1.5	1.3	2.2	1.5	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	24	30
Rated Apparent Power (kVA)	19.1	23.9
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	47.3	50.5	57.1	54.1	51.6	63.1	55.7	51.9
	20	45.3	47.1	55.1	50.6	47.5	61.2	52.2	47.7
Overall CDM Losses (W)	15	369.6	232.8	348.0	223.7	182.7	328.2	215.1	178.5
	20	458.0	271.6	428.5	259.5	205.6	401.9	248.2	200.1
Percent of Losses to Rated Apparent Power (%)	15	1.9	1.2	1.8	1.2	1.0	1.7	1.1	0.9
	20	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	19	22
Rated Apparent Power (kVA)	18.9	21.9
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	45.3	47.9	55.6	51.8	49.3	62.5	53.9	49.9
	15	39.9	42.2	49.4	46.0	43.7	55.9	48.0	44.3
Overall CDM Losses (W)	11	354.2	220.6	338.8	214.1	174.8	324.8	207.9	171.8
	15	402.8	243.6	384.0	235.7	189.3	367.1	228.4	185.7
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	15	1.8	1.1	1.8	1.1	0.9	1.7	1.0	0.8

PowerFlex 523 Frame E

240V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	48.3	62.1
Rated Apparent Power (kVA)	19.2	24.7
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	67.0	71.9	78.7	75.9	73.5	84.9	77.0	73.4
	20	62.2	68.7	73.9	73.1	71.4	80.6	74.6	71.4
Overall CDM Losses (W)	15	523.5	331.4	479.2	313.5	260.4	441.5	297.2	252.5
	20	628.1	396.8	574.7	374.7	309.2	529.5	354.7	299.4
Percent of Losses to Rated Apparent Power (%)	15	2.7	1.7	2.5	1.6	1.4	2.3	1.5	1.3
	20	2.5	1.6	2.3	1.5	1.3	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	37	43
Rated Apparent Power (kVA)	29.5	34.3
Standby Losses to S Rated (%)	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	52.3	57.9	64.2	62.6	61.5	71.9	65.1	62.2
	30	51.2	57.4	63.6	62.5	61.7	71.9	65.5	62.5
Overall CDM Losses (W)	25	631.6	391.5	592.1	375.8	307.4	557.0	361.2	300.5
	30	720.8	446.6	680.0	429.6	350.9	642.8	413.5	343.0
Percent of Losses to Rated Apparent Power (%)	25	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0
	30	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.89	31.87
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	46.2	53.0	57.6	57.9	58.1	65.5	60.8	59.1
	22.0	44.2	51.7	55.4	56.8	57.4	63.3	60.0	58.4
Overall CDM Losses (W)	18.5	557.5	358.4	531.1	347.5	290.2	507.2	337.2	285.2
	22.0	621.6	402.7	592.9	390.3	326.5	566.4	378.4	320.6
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.1	1.9	1.3	1.1
	22.0	2.0	1.3	1.9	1.2	1.0	1.8	1.2	1.0

PowerFlex 525 AC Drives

These tables provide CDM losses for PowerFlex 525 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 520-TD001.

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PowerFlex 525 Frame A

240V Drive Information

	Rated Output Power ND (Hp)			
	0.5	1	2	3
Rated Output Current (A)	2.5	5	8	11
Rated Apparent Power (kVA)	1.0	2.0	3.2	4.4
Standby Losses to S Rated (%)	5.0	2.5	1.6	1.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	54.8	56.2	57.1	56.9	57.0	58.0	57.1	57.0
	1.0	58.4	56.8	62.0	57.7	54.6	63.3	57.9	54.6
	2.0	55.4	56.7	61.0	58.2	56.3	63.3	58.4	56.1
	3.0	52.2	53.3	57.8	54.8	52.8	60.1	54.9	52.5
Overall CDM Losses (W)	0.5	60.2	63.0	59.6	59.1	61.9	59.0	58.7	60.2
	1.0	82.9	69.9	80.0	68.5	63.8	77.3	67.2	63.1
	2.0	104.2	82.8	99.2	80.4	72.6	94.5	78.0	71.5
	3.0	123.7	94.4	116.2	90.8	80.3	109.4	87.4	78.6
Percent of Losses to Rated Apparent Power (%)	0.5	6.0	6.3	6.0	5.9	6.2	5.9	5.9	6.0
	1.0	4.1	3.5	4.0	3.4	3.2	3.9	3.4	3.2
	2.0	3.3	2.6	3.1	2.5	2.3	3.0	2.4	2.2
	3.0	2.8	2.1	2.6	2.1	1.8	2.5	2.0	1.8

480V Drive Information

	Rated Output Power ND (Hp)			
	0.5	1	2	3
Rated Output Current (A)	1.4	2.3	4	6
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8
Standby Losses to S Rated (%)	4.5	2.7	1.6	1.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	53.0	55.2	55.7	56.2	56.4	57.1	56.6	56.5
	1.0	51.0	52.3	55.2	53.8	52.0	57.4	54.5	52.3
	2.0	48.2	51.7	54.3	53.8	53.2	57.6	54.8	53.5
	3.0	48.8	51.0	55.5	53.4	52.0	59.3	54.5	52.2
Overall CDM Losses (W)	0.5	62.0	59.1	61.4	58.8	58.4	60.8	58.5	58.2
	1.0	72.4	64.4	71.2	63.8	60.8	70.1	63.2	60.5
	2.0	90.6	75.5	88.3	74.3	68.6	86.0	73.2	68.1
	3.0	115.6	90.4	111.6	88.5	79.2	107.8	86.6	78.3
Percent of Losses to Rated Apparent Power (%)	0.5	5.6	5.4	5.6	5.3	5.3	5.5	5.3	5.3
	1.0	4.0	3.6	4.0	3.5	3.4	3.9	3.5	3.4
	2.0	2.8	2.4	2.8	2.3	2.1	2.7	2.3	2.1
	3.0	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.6

600V Drive Information

	Rated Output Power ND (kW)			
	0.4	0.75	1.5	2.2
Rated Output Current (A)	0.9	1.7	3	4.2
Rated Apparent Power (kVA)	0.9	1.7	3.0	4.2
Standby Losses to S Rated (%)	5.6	3.0	1.7	1.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.4	49.8	52.6	52.5	53.6	53.9	53.9	54.1	54.1
	0.75	47.5	49.8	51.6	51.3	50.0	53.8	52.0	50.4
	1.5	46.0	49.7	52.1	52.0	51.6	55.7	53.1	51.9
	2.2	45.7	48.1	52.6	50.7	49.6	56.8	52.0	49.9
Overall CDM Losses (W)	0.4	58.3	56.3	57.9	56.1	55.9	57.5	55.9	55.7
	0.75	67.5	61.3	66.6	60.8	58.4	65.8	60.4	58.2
	1.5	86.4	72.6	84.7	71.7	66.5	83.1	70.9	66.1
	2.2	108.4	85.2	105.8	84.0	75.4	103.3	82.7	74.8
Percent of Losses to Rated Apparent Power (%)	0.4	6.5	6.3	6.4	6.2	6.2	6.4	6.2	6.2
	0.75	4.0	3.6	3.9	3.6	3.4	3.9	3.6	3.4
	1.5	2.9	2.4	2.8	2.4	2.2	2.8	2.4	2.2
	2.2	2.6	2.0	2.5	2.0	1.8	2.5	2.0	1.8

PowerFlex 525 Frame B

240V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	17.5
Rated Apparent Power (kVA)	7.0
Standby Losses to S Rated (%)	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	45.1	46.2	50.7	47.8	45.3	53.1	47.8	45.0
Overall CDM Losses (W)		168.6	123.6	157.0	117.9	101.3	146.3	112.4	98.5
Percent of Losses to Rated Apparent Power (%)		2.4	1.8	2.2	1.7	1.4	2.1	1.6	1.4

480V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	10.5
Rated Apparent Power (kVA)	8.4
Standby Losses to S Rated (%)	0.6

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	42.8	39.8	49.2	41.7	38.8	52.6	42.4	38.9
Overall CDM Losses (W)		160.2	106.4	152.4	103.0	86.8	145.1	99.8	85.2
Percent of Losses to Rated Apparent Power (%)		1.9	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)
	4
Rated Output Current (A)	6.6
Rated Apparent Power (kVA)	6.6
Standby Losses to S Rated (%)	0.8

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	4	35.8	37.8	41.8	40.1	38.9	45.5	41.2	39.3
Overall CDM Losses (W)		133.7	101.1	129.4	99.0	87.0	125.3	97.0	85.9
Percent of Losses to Rated Apparent Power (%)		2.0	1.5	2.0	1.5	1.3	1.9	1.5	1.3

PowerFlex 525 Frame C

240V Drive Information

	Rated Output Power ND (Hp)	
	7.5	10
Rated Output Current (A)	24	32.2
Rated Apparent Power (kVA)	9.6	12.8
Standby Losses to S Rated (%)	0.6	0.4

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	45.5	39.5	49.6	39.9	36.2	50.4	39.1	35.3
	10.0	57.4	58.4	65.5	60.4	57.0	69.2	60.5	56.2
Overall CDM Losses (W)	7.5	217.2	131.1	193.0	121.4	98.2	172.8	112.6	94.0
	10.0	333.2	209.7	302.6	197.2	162.2	276.7	185.9	156.7
Percent of Losses to Rated Apparent Power (%)	7.5	2.3	1.4	2.0	1.3	1.0	1.8	1.2	1.0
	10.0	2.6	1.6	2.4	1.5	1.3	2.2	1.5	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	7.5	10
Rated Output Current (A)	13	17
Rated Apparent Power (kVA)	10.4	13.6
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	42.4	38.4	49.4	40.5	37.3	53.2	41.3	37.3
	10.0	43.4	42.6	51.6	45.1	41.4	56.4	46.0	41.3
Overall CDM Losses (W)	7.5	202.4	127.6	192.0	123.2	101.3	182.4	119.0	99.2
	10.0	252.0	152.9	238.4	147.1	117.7	225.7	141.5	115.0
Percent of Losses to Rated Apparent Power (%)	7.5	1.9	1.2	1.8	1.2	1.0	1.8	1.1	1.0
	10.0	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.1	33.2	39.9	35.2	33.5	43.2	36.0	33.6
	7.5	32.4	34.6	38.8	36.8	35.2	42.7	37.8	35.3
Overall CDM Losses (W)	5.5	162.9	110.3	155.3	107.0	90.9	148.2	103.9	89.3
	7.5	188.4	124.1	179.3	120.1	100.2	170.8	116.2	98.3
Percent of Losses to Rated Apparent Power (%)	5.5	1.6	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	7.5	1.6	1.0	1.5	1.0	0.8	1.4	1.0	0.8

PowerFlex 525 Frame D

240V Drive Information

	Rated Output Power ND (Hp)
	10
Rated Output Current (A)	32.2
Rated Apparent Power (kVA)	12.8
Standby Losses to S Rated (%)	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	57.4	58.4	65.5	60.4	57.0	69.2	60.5	56.2
Overall CDM Losses (W)		333.2	209.7	302.6	197.2	162.2	276.7	185.9	156.7
Percent of Losses to Rated Apparent Power (%)		2.6	1.6	2.4	1.5	1.3	2.2	1.5	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	24	30
Rated Apparent Power (kVA)	19.1	23.9
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	47.3	50.5	57.1	54.1	51.6	63.1	55.7	51.9
	20	45.3	47.1	55.1	50.6	47.5	61.2	52.2	47.7
Overall CDM Losses (W)	15	369.6	232.8	348.0	223.7	182.7	328.2	215.1	178.5
	20	458.0	271.6	428.5	259.5	205.6	401.9	248.2	200.1
Percent of Losses to Rated Apparent Power (%)	15	1.9	1.2	1.8	1.2	1.0	1.7	1.1	0.9
	20	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW	
	11	15
Rated Output Current (A)	19	22
Rated Apparent Power (kVA)	18.9	21.9
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	45.3	47.9	55.6	51.8	49.3	62.5	53.9	49.9
	15	39.9	42.2	49.4	46.0	43.7	55.9	48.0	44.3
Overall CDM Losses (W)	11	354.2	220.6	338.8	214.1	174.8	324.8	207.9	171.8
	15	402.8	243.6	384.0	235.7	189.3	367.1	228.4	185.7
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	15	1.8	1.1	1.8	1.1	0.9	1.7	1.0	0.8

PowerFlex 525 Frame E

240V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	48.3	62.1
Rated Apparent Power (kVA)	19.2	24.7
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	67.0	71.9	78.7	75.9	73.5	84.9	77.0	73.4
	20	62.2	68.7	73.9	73.1	71.4	80.6	74.6	71.4
Overall CDM Losses (W)	15	523.5	331.4	479.2	313.5	260.4	441.5	297.2	252.5
	20	628.1	396.8	574.7	374.7	309.2	529.5	354.7	299.4
Percent of Losses to Rated Apparent Power (%)	15	2.7	1.7	2.5	1.6	1.4	2.3	1.5	1.3
	20	2.5	1.6	2.3	1.5	1.3	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	37	43
Rated Apparent Power (kVA)	29.48	34.26
Standby Losses to S Rated (%)	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	52.3	57.9	64.2	62.6	61.5	71.9	65.1	62.2
	30	51.2	57.4	63.6	62.5	61.7	71.9	65.5	62.5
Overall CDM Losses (W)	25	631.6	391.5	592.1	375.8	307.4	557.0	361.2	300.5
	30	720.8	446.6	680.0	429.6	350.9	642.8	413.5	343.0
Percent of Losses to Rated Apparent Power (%)	25	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0
	30	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.9	31.9
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	46.2	53.0	57.6	57.9	58.1	65.5	60.8	59.1
	22.0	44.2	51.7	55.4	56.8	57.4	63.3	60.0	58.4
Overall CDM Losses (W)	18.5	557.5	358.4	531.1	347.5	290.2	507.2	337.2	285.2
	22.0	621.6	402.7	592.9	390.3	326.5	566.4	378.4	320.6
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.1	1.9	1.3	1.1
	22.0	1.9	1.3	1.9	1.2	1.0	1.8	1.2	1.0

PowerFlex 527 AC Drives

These tables provide CDM losses for PowerFlex 527 AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 520-TD002.

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PowerFlex 527 Frame A

240V Drive Information

	Rated Output Power ND (Hp)			
	0.5	1	2	3
Rated Output Current (A)	2.5	5	8	11
Rated Apparent Power (kVA)	1.0	2.0	3.2	4.4
Standby Losses to S Rated (%)	5.0	2.5	1.6	1.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	54.9	56.3	57.2	57.0	57.0	58.1	57.1	57.0
	1.0	58.5	56.8	62.0	57.7	54.6	63.1	57.8	54.5
	2.0	55.6	56.7	61.0	58.1	56.3	63.1	58.3	56.0
	3.0	52.4	53.3	57.8	54.8	52.7	60.0	54.8	52.3
Overall CDM Losses (W)	0.5	64.3	60.3	63.0	59.7	59.1	61.9	59.0	58.7
	1.0	83.0	70.0	80.0	68.5	63.8	77.1	67.1	63.0
	2.0	104.4	82.8	99.1	80.3	72.5	94.2	77.8	71.3
	3.0	124.1	94.5	116.3	90.7	80.2	109.1	87.1	78.4
Percent of Losses to Rated Apparent Power (%)	0.5	6.4	6.0	6.3	6.0	5.9	6.2	5.9	5.9
	1.0	4.2	3.5	4.0	3.4	3.2	3.9	3.4	3.2
	2.0	3.3	2.6	3.1	2.5	2.3	2.9	2.4	2.2
	3.0	2.8	2.1	2.6	2.1	1.8	2.5	2.0	1.8

480V Drive Information

	Rated Output Power ND (Hp)			
	0.5	1	2	3
Rated Output Current (A)	1.4	2.3	4	6
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8
Standby Losses to S Rated (%)	4.5	2.7	1.6	1.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	53.5	55.5	56.2	56.5	56.6	57.5	56.9	56.8
	1.0	52.0	52.7	56.2	54.2	52.1	58.4	54.8	52.4
	2.0	48.0	51.4	54.0	53.6	53.0	57.2	54.5	53.2
	3.0	48.6	50.7	55.2	53.1	51.7	58.8	54.1	51.9
Overall CDM Losses (W)	0.5	62.6	59.5	61.9	59.1	58.7	61.3	58.8	58.5
	1.0	73.8	64.9	72.5	64.3	60.9	71.3	63.6	60.6
	2.0	90.2	75.2	87.8	74.0	68.3	85.5	72.8	67.7
	3.0	115.1	89.9	110.9	87.9	78.7	107.0	86.0	77.7
Percent of Losses to Rated Apparent Power (%)	0.5	5.7	5.4	5.6	5.4	5.3	5.6	5.3	5.3
	1.0	4.1	3.6	4.0	3.6	3.4	4.0	3.5	3.5
	2.0	2.8	2.4	2.7	2.3	2.1	2.7	2.3	2.1
	3.0	2.4	1.9	2.3	1.8	1.6	2.2	1.8	1.6

600V Drive Information

	Rated Output Power ND (kW)			
	0.4	0.75	1.5	2.2
Rated Output Current (A)	0.9	1.7	3	4.2
Rated Apparent Power (kVA)	0.9	1.7	3.0	4.2
Standby Losses to S Rated (%)	0.6	3.0	1.7	1.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.4	49.8	52.6	52.5	53.6	53.9	53.9	54.1	54.1
	0.75	47.5	49.7	51.6	51.3	50.0	53.8	52.0	50.4
	1.5	46.0	49.7	52.1	51.9	51.6	55.6	53.1	51.9
	2.2	45.7	48.1	52.6	50.7	49.6	56.8	52.0	49.9
Overall CDM Losses (W)	0.4	58.2	56.3	57.8	56.1	55.9	57.5	55.9	55.7
	0.75	67.5	61.3	66.6	60.8	58.4	65.7	60.4	58.2
	1.5	86.4	72.6	84.7	71.7	66.5	83.1	70.9	66.1
	2.2	108.4	85.2	105.8	83.9	75.4	103.3	82.7	74.8
Percent of Losses to Rated Apparent Power (%)	0.4	6.5	6.3	6.4	6.2	6.2	6.4	6.2	6.2
	0.75	4.0	3.6	3.9	3.6	3.4	3.9	3.6	3.4
	1.5	2.9	2.4	2.8	2.4	2.2	2.8	2.4	2.2
	2.2	2.6	2.0	2.5	2.0	1.8	2.5	2.0	1.8

PowerFlex 527 Frame B

240V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	17.5
Rated Apparent Power (kVA)	7.0
Standby Losses to S Rated (%)	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	45.2	46.2	50.6	47.6	45.2	52.8	47.5	44.8
Overall CDM Losses (W)		168.9	123.6	156.7	117.5	100.9	145.5	111.8	98.0
Percent of Losses to Rated Apparent Power (%)		2.4	1.8	2.2	1.7	1.4	2.1	1.6	1.4

480V Drive Information

	Rated Output Power ND (Hp)
	5
Rated Output Current (A)	10.5
Rated Apparent Power (kVA)	8.4
Standby Losses to S Rated (%)	0.6

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5	42.6	39.6	48.8	41.4	38.6	52.1	42.0	38.6
Overall CDM Losses (W)		159.4	105.8	151.2	102.2	86.2	143.5	98.8	84.5
Percent of Losses to Rated Apparent Power (%)		1.9	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)
	4
Rated Output Current (A)	6.6
Rated Apparent Power (kVA)	6.6
Standby Losses to S Rated (%)	0.8

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	4	35.7	37.8	41.8	40.1	38.9	45.5	41.2	39.3
Overall CDM Losses (W)		133.7	101.1	129.4	99.0	86.9	125.2	96.9	85.9
Percent of Losses to Rated Apparent Power (%)		2.0	1.5	2.0	1.5	1.3	1.9	1.5	1.3

PowerFlex 527 Frame C

240V Drive Information

	Rated Output Power ND (Hp)
	7.5
Rated Output Current (A)	24
Rated Apparent Power (kVA)	9.6
Standby Losses to S Rated (%)	0.6

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	46.0	39.7	49.8	40.0	36.2	50.3	39.0	35.3
Overall CDM Losses (W)		219.5	131.6	193.9	121.7	98.3	172.6	112.5	93.8
Percent of Losses to Rated Apparent Power (%)		2.3	1.4	2.0	1.3	1.0	1.8	1.2	1.0

480V Drive Information

	Rated Output Power ND (Hp)	
	7.5	10
Rated Output Current (A)	13	17
Rated Apparent Power (kVA)	10.4	13.6
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	42.3	38.2	49.0	40.2	37.0	52.6	40.9	37.0
	10.0	43.2	42.3	51.2	44.6	41.0	55.7	45.5	40.8
Overall CDM Losses (W)	7.5	201.5	126.9	190.6	112.3	100.5	180.4	117.9	98.3
	10.0	250.7	151.8	236.3	145.7	116.6	223.0	139.8	113.7
Percent of Losses to Rated Apparent Power (%)	7.5	1.9	1.2	1.8	1.1	1.0	1.7	1.1	0.9
	10.0	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.1	33.2	39.9	35.2	33.5	43.2	36.0	33.6
	7.5	32.4	34.5	38.8	36.8	35.2	42.6	37.8	35.2
Overall CDM Losses (W)	5.5	162.8	110.2	155.2	106.9	90.8	148.1	103.8	89.3
	7.5	188.3	124.0	179.2	120.0	100.1	170.6	116.1	98.2
Percent of Losses to Rated Apparent Power (%)	7.5	188.3	124.0	179.2	120.0	100.1	170.6	116.1	98.2
	5.5	1.6	1.1	1.6	1.1	0.9	1.5	1.0	0.9

PowerFlex 527 Frame D

240V Drive Information

	Rated Output Power ND (Hp)
	10
Rated Output Current (A)	32.2
Rated Apparent Power (kVA)	12.8
Standby Losses to S Rated (%)	0.7

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	57.6	58.4	65.4	60.2	56.8	68.7	60.1	55.9
Overall CDM Losses (W)		334.6	209.8	302.1	196.6	161.6	274.8	184.8	155.8
Percent of Losses to Rated Apparent Power (%)		2.6	1.6	2.4	1.5	1.3	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	24	30
Rated Apparent Power (kVA)	19.1	23.9
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	47.1	50.1	56.6	53.6	51.1	62.3	55.1	51.3
	20	45.2	46.8	54.6	50.2	47.0	60.4	51.6	47.2
Overall CDM Losses (W)	15	367.5	231.1	344.7	221.5	180.9	324.0	212.5	176.5
	20	456.3	269.9	425.2	257.2	203.6	397.2	245.3	197.9
Percent of Losses to Rated Apparent Power (%)	15	1.9	1.2	1.8	1.2	0.9	1.7	1.1	0.9
	20	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	45.3	47.9	55.6	51.8	49.3	62.4	53.8	49.9
	15	39.9	42.2	49.3	45.9	43.7	55.8	48.0	44.3
Overall CDM Losses (W)	11	354.0	220.5	338.5	213.9	174.7	324.5	207.7	171.6
	15	402.6	243.4	383.7	235.6	189.1	366.7	228.2	185.5
Percent of Losses to Rated Apparent Power (%)	11	3.6	2.2	3.4	2.2	1.8	3.3	2.1	1.7
	15	3.4	2.0	3.2	2.0	1.6	3.1	1.9	1.5

PowerFlex 527 Frame E

240V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	48.3	62.1
Rated Apparent Power (kVA)	19.2	24.7
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	67.4	72.1	78.7	75.8	73.4	84.6	76.7	73.1
	20	62.5	68.8	73.8	72.9	71.2	80.2	74.2	71.1
Overall CDM Losses (W)	15	526.3	331.2	479.4	313.2	259.9	439.7	296.1	251.6
	20	630.9	397.2	574.4	374.0	308.3	526.8	353.0	298.1
Percent of Losses to Rated Apparent Power (%)	15	2.7	1.7	2.5	1.6	1.4	2.3	1.5	1.3
	20	2.6	1.6	2.3	1.5	1.2	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	37	43
Rated Apparent Power (kVA)	29.5	34.3
Standby Losses to S Rated (%)	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	52.2	57.6	63.7	62.2	61.1	71.2	64.5	61.7
	30	51.1	57.1	63.2	62.0	61.2	71.2	64.9	62.0
Overall CDM Losses (W)	25	629.9	389.5	588.1	373.0	305.0	551.2	357.7	297.7
	30	718.8	444.6	675.7	426.6	348.4	636.6	409.7	340.1
Percent of Losses to Rated Apparent Power (%)	25	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0
	30	2.1	1.3	2.0	1.2	1.0	1.9	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.9	32.0
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	46.2	53.0	57.5	57.9	58.1	65.4	60.8	59.0
	22.0	44.1	51.7	55.4	56.7	57.4	63.3	59.9	58.4
Overall CDM Losses (W)	18.5	557.3	358.2	530.7	347.3	290.0	506.8	337.0	285.0
	22.0	621.4	402.5	592.6	390.1	326.3	565.9	378.2	320.4
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.1	1.9	1.3	1.1
	22.0	1.9	1.3	1.9	1.2	1.0	1.8	1.2	1.0

PowerFlex 700/700S AC Drives

These tables provide CDM losses for PowerFlex 700/700S AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 20B-TD001 and 20D-TD002.

PowerFlex 700 Frame 0

240V Drive Information

	Rated Output Power ND (Hp)	
	0.5	1
Rated Output Current (A)	2.2	4.2
Rated Apparent Power (kVA)	0.9	1.7
Standby Losses to S Rated (%)	1.2	0.6

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	40.9	37.0	38.5	37.3	37.1	38.7	37.1	36.9
	1.0	44.6	40.5	45.7	40.4	37.4	45.0	39.7	37.1
Overall CDM Losses (W)	0.5	47.9	42.5	45.9	41.5	40.7	44.1	40.6	40.2
	1.0	63.4	49.9	58.9	48.0	43.7	55.0	46.1	42.9
Percent of Losses to Rated Apparent Power (%)	0.5	5.3	4.7	5.1	4.6	4.5	4.9	4.5	4.5
	1.0	3.7	2.9	3.5	2.8	2.6	3.2	2.7	2.5

400V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	4	5.5
Rated Output Current (A)	1.3	2.1	3.5	5	8.7	11.5
Rated Apparent Power (kVA)	0.9	1.4	2.3	3.3	5.7	7.6
Standby Losses to S Rated (%)	1.2	0.8	0.5	0.3	0.2	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	42.1	41.5	43.5	41.9	41.7	43.9	41.9	41.7
	0.75	40.8	39.8	43.2	40.5	38.5	44.1	40.6	38.5
	1.5	39.0	39.9	42.8	41.0	39.9	44.5	41.3	39.8
	2.2	37.9	39.5	42.2	40.8	39.7	44.3	41.2	39.6
	4.0	46.6	50.4	53.5	53.0	52.2	57.6	54.1	52.6
	5.5	43.6	46.7	50.5	49.3	48.1	54.7	50.4	48.3
Overall CDM Losses (W)	0.37	49.3	44.5	47.9	43.8	43.2	46.8	43.3	42.9
	0.75	58.0	49.0	55.8	48.0	45.0	53.9	47.1	44.5
	1.5	73.3	58.4	69.5	56.6	51.5	66.4	55.1	50.7
	2.2	89.9	69.9	84.9	67.6	60.4	80.6	65.5	59.4
	4.0	174.2	134.8	165.6	130.8	116.7	158.8	127.3	115.0
	5.5	207.9	155.1	196.6	149.8	130.7	187.6	145.2	128.4
Percent of Losses to Rated Apparent Power (%)	0.37	5.5	4.9	5.3	4.9	4.8	5.2	4.8	4.8
	0.75	4.1	3.5	4.0	3.4	3.2	3.9	3.4	3.2
	1.5	3.2	2.5	3.0	2.5	2.2	2.9	2.4	2.2
	2.2	2.7	2.1	2.6	2.0	1.8	2.4	2.0	1.8
	4.0	3.1	2.4	2.9	2.3	2.0	2.8	2.2	2.0
	5.5	2.7	2.0	2.6	2.0	1.7	2.5	1.9	1.7

480V Drive Information

	Rated Output Power ND (Hp)					
	0.5	1	2	3	5	7.5
Rated Output Current (A)	1.1	2.1	3.4	6	8	11
Rated Apparent Power (kVA)	0.9	1.7	2.7	4.8	6.4	8.8
Standby Losses to S Rated (%)	1.2	0.6	0.4	0.3	0.2	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	39.4	37.0	37.8	37.6	37.7	38.7	37.9	37.8
	1.0	41.2	40.1	43.6	40.8	38.7	44.5	40.9	38.7
	2.0	38.8	39.9	42.6	41.0	40.0	44.4	41.3	39.9
	3.0	45.2	45.2	50.0	46.6	44.4	52.4	46.9	44.3
	5.0	44.8	49.2	51.7	51.8	51.4	55.7	53.0	51.8
	7.5	43.9	42.8	50.8	45.0	43.1	54.9	46.0	43.1
Overall CDM Losses (W)	0.5	46.1	42.4	45.0	41.9	41.4	44.1	41.4	41.1
	1.0	58.5	49.4	56.2	48.4	45.2	54.4	47.5	44.8
	2.0	73.0	58.3	69.3	56.7	51.5	66.3	55.2	50.8
	3.0	107.1	80.1	100.6	77.2	67.6	95.2	74.6	66.3
	5.0	167.6	131.6	159.8	127.9	114.9	153.6	124.7	113.3
	7.5	209.6	142.1	197.7	137.0	117.0	188.3	132.5	114.7
Percent of Losses to Rated Apparent Power (%)	0.5	5.1	4.7	5.0	4.7	4.6	4.9	4.6	4.6
	1.0	3.4	2.9	3.3	2.8	2.7	3.2	2.8	2.6
	2.0	2.7	2.2	2.6	2.1	1.9	2.5	2.0	1.9
	3.0	2.2	1.7	2.1	1.6	1.4	2.0	1.6	1.4
	5.0	2.6	2.1	2.5	2.0	1.8	2.4	1.9	1.8
	7.5	2.4	1.6	2.2	1.6	1.3	2.1	1.5	1.3

600V Drive Information

	Rated Output Power ND (Hp)					
	0.5	1	2	3	5	7.5
Rated Output Current (A)	1.1	1.7	2.7	3.9	6.1	9.0
Rated Apparent Power (kVA)	1.1	1.7	2.7	3.9	6.1	9.0
Standby Losses to S Rated (%)	1.0	0.6	0.4	0.3	0.2	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	30.9	32.2	33.2	33.1	33.2	34.4	33.5	33.4
	1.0	32.2	33.5	35.3	34.6	34.4	37.0	35.2	34.5
	2.0	32.2	33.5	35.3	34.6	34.4	37.0	35.2	34.5
	3.0	35.6	36.0	40.0	37.6	36.4	42.5	38.4	36.7
	5.0	39.3	42.9	45.4	45.5	45.6	49.4	47.0	46.2
	7.5	33.5	31.6	38.2	33.4	32.5	41.0	34.3	32.8
Overall CDM Losses (W)	0.5	43.8	39.7	42.8	39.3	38.8	42.0	38.9	38.6
	1.0	52.6	44.1	50.8	43.4	40.7	49.5	42.9	40.5
	2.0	52.6	44.1	50.8	43.4	40.7	49.5	42.9	40.5
	3.0	84.4	63.7	80.3	62.2	55.4	77.3	61.1	54.9
	5.0	147.1	114.6	140.4	112.3	101.8	136.0	110.6	101.1
	7.5	159.7	104.9	148.5	101.5	88.3	140.6	98.8	87.2
Percent of Losses to Rated Apparent Power (%)	0.5	4.0	3.6	3.9	3.6	3.5	3.8	3.5	3.5
	1.0	3.1	2.6	3.0	2.6	2.4	2.9	2.5	2.4
	2.0	1.9	1.6	1.9	1.6	1.5	1.8	1.6	1.5
	3.0	2.2	1.6	2.1	1.6	1.4	2.0	1.6	1.4
	5.0	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.7
	7.5	1.8	1.2	1.7	1.1	1.0	1.6	1.1	1.0

PowerFlex 700/700S Frame 1

240V Drive Information

	Rated Output Power ND (Hp)			
	2	3	5	7.5
Rated Output Current (A)	6.8	9.6	15.3	22
Rated Apparent Power (kVA)	2.7	3.8	6.1	8.8
Standby Losses to S Rated (%)	0.4	0.3	0.2	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.0	43.0	40.8	45.4	41.0	38.7	45.1	40.2	38.2
	3.0	43.9	40.8	45.6	40.5	38.0	44.9	39.5	37.2
	5.0	49.3	49.6	53.3	50.5	48.9	54.1	50.1	48.5
	7.5	48.5	40.7	50.5	40.5	37.3	49.6	39.3	36.5
Overall CDM Losses (W)	2.0	80.9	59.7	73.7	56.6	49.9	67.4	53.7	48.6
	3.0	104.0	72.2	91.7	67.2	57.7	81.7	62.8	55.7
	5.0	184.2	132.6	164.8	124.6	109.2	149.1	117.8	106.1
	7.5	231.6	135.1	196.5	123.1	101.3	170.0	113.3	97.0
Percent of Losses to Rated Apparent Power (%)	2.0	3.0	2.2	2.7	2.1	1.8	2.5	2.0	1.8
	3.0	2.7	1.9	2.4	1.8	1.5	2.2	1.7	1.5
	5.0	3.0	2.2	2.7	2.0	1.8	2.4	1.9	1.7
	7.5	2.6	1.5	2.2	1.4	1.2	1.9	1.3	1.1

400V Drive Information

	Rated Output Power ND (kW)	
	7.5	11
Rated Output Current (A)	15.4	22
Rated Apparent Power (kVA)	10.1	14.5
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	41.8	43.5	48.3	45.5	43.7	51.7	46.1	43.4
	11.0	43.5	45.7	50.5	48.0	45.9	53.9	48.4	45.7
Overall CDM Losses (W)	7.5	242.8	156.3	223.0	148.6	124.3	206.9	141.7	121.0
	11.0	339.9	210.8	307.7	198.2	162.5	280.3	186.8	157.1
Percent of Losses to Rated Apparent Power (%)	7.5	2.4	1.5	2.2	1.5	1.2	2.0	1.4	1.2
	11.0	2.3	1.5	2.1	1.4	1.1	1.9	1.3	1.1

480V Drive Information

	Rated Output Power ND (Hp)	
	10	15
Rated Output Current (A)	14	22
Rated Apparent Power (kVA)	11.2	17.5
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	39.6	42.2	46.0	44.3	42.9	49.5	45.0	42.8
	15	45.1	47.3	52.5	49.7	47.4	56.2	50.2	47.2
Overall CDM Losses (W)	10	229.8	151.5	212.4	144.6	122.1	198.0	138.4	119.1
	15	352.1	218.0	319.6	205.3	167.8	292.0	193.8	162.4
Percent of Losses to Rated Apparent Power (%)	10	2.1	1.4	1.9	1.3	1.1	1.8	1.2	1.1
	15	2.0	1.2	1.8	1.2	1.0	1.7	1.1	0.9

600V Drive Information

	Rated Output Power ND (Hp)	
	10	15
Rated Output Current (A)	11	17
Rated Apparent Power (kVA)	11.0	16.9
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	32.1	33.0	37.5	35.0	34.3	40.8	36.1	34.6
	15	34.4	35.4	40.7	37.9	36.9	44.9	39.4	37.4
Overall CDM Losses (W)	10	186.7	118.5	173.0	114.3	97.6	163.3	111.1	96.3
	15	268.9	163.2	247.9	156.8	130.7	233.6	152.1	128.8
Percent of Losses to Rated Apparent Power (%)	10	1.7	1.1	1.6	1.0	0.9	1.5	1.0	0.9
	15	1.6	1.0	1.5	0.9	0.8	1.4	0.9	0.8

PowerFlex 700/700S Frame 2

240V Drive Information

	Rated Output Power ND (Hp)
	10
Rated Output Current (A)	28
Rated Apparent Power (kVA)	11.2
Standby Losses to S Rated (%)	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	48.2	43.7	51.0	43.5	40.0	50.4	42.1	38.9
Overall CDM Losses (W)		280.0	157.1	235.4	141.8	113.9	201.7	129.3	108.4
Percent of Losses to Rated Apparent Power (%)		2.5	1.4	2.1	1.3	1.0	1.8	1.2	1.0

400V Drive Information

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	30	37
Rated Apparent Power (kVA)	19.8	24.4
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	45.6	46.5	53.2	48.8	45.4	57.0	49.2	45.0
	18.5	41.7	44.5	49.5	46.9	44.5	53.5	47.4	44.1
Overall CDM Losses (W)	15.0	460.4	268.2	413.9	250.3	196.4	374.8	234.3	188.8
	18.5	503.8	301.2	456.5	281.4	222.1	414.6	263.0	213.1
Percent of Losses to Rated Apparent Power (%)	15.0	2.3	1.4	2.1	1.3	1.0	1.9	1.2	1.0
	18.5	2.1	1.2	1.9	1.2	0.9	1.7	1.1	0.9

480V Drive Information

	Rated Output Power ND (Hp)	
	20	25
Rated Output Current (A)	27	34
Rated Apparent Power (kVA)	21.5	27.1
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	42.5	44.5	50.1	47.0	44.2	54.1	47.7	44.1
	25	40.0	43.5	47.8	46.0	44.0	52.0	46.8	43.8
Overall CDM Losses (W)	20	429.7	256.9	389.7	241.2	191.4	355.7	227.1	184.7
	25	483.2	294.1	440.7	276.1	219.6	402.8	259.3	211.4
Percent of Losses to Rated Apparent Power (%)	20	2.0	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	25	1.8	1.1	1.6	1.0	0.8	1.5	1.0	0.8

600V Drive Information

	Rated Output Power ND (Hp)	
	20	25
Rated Output Current (A)	27	27
Rated Apparent Power (kVA)	21.9	26.9
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	32.8	32.6	39.1	35.1	33.2	43.5	36.5	33.7
	25	31.6	31.7	37.9	34.1	32.6	42.3	35.6	33.2
Overall CDM Losses (W)	20	331.6	188.2	304.4	179.9	143.6	285.8	173.8	141.1
	25	381.9	214.2	349.5	204.6	162.9	327.8	197.6	160.1
Percent of Losses to Rated Apparent Power (%)	20	1.5	0.9	1.4	0.8	0.7	1.3	0.8	0.6
	25	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6

PowerFlex 700/700S Frame 3

240V Drive Information

	Rated Output Power ND (Hp)	
	15	20
Rated Output Current (A)	42	52
Rated Apparent Power (kVA)	16.7	20.7
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	49.5	45.9	53.6	46.1	42.4	53.8	44.9	41.4
	20	44.7	40.3	48.2	40.2	36.1	48.1	38.8	34.9
Overall CDM Losses (W)	15	386.7	211.4	326.4	190.6	150.1	279.8	173.1	142.4
	20	451.3	232.7	374.7	206.4	156.2	315.9	184.5	146.5
Percent of Losses to Rated Apparent Power (%)	15	2.3	1.3	2.0	1.1	0.9	1.7	1.0	0.9
	20	2.2	1.1	1.8	1.0	0.8	1.5	0.9	0.7

400V Drive Information

	Rated Output Power ND (kW)		
	22	30	37
Rated Output Current (A)	43	56	72
Rated Apparent Power (kVA)	28.3	36.9	47.4
Standby Losses to S Rated (%)	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	36.8	39.3	43.7	41.4	39.3	47.3	42.0	39.0
	30	34.8	37.3	41.2	39.4	37.3	44.6	39.7	36.9
	37	36.7	40.1	44.2	43.0	41.1	48.6	44.0	41.0
Overall CDM Losses (W)	22	518.1	306.2	467.0	284.9	223.7	422.6	265.3	214.1
	30	647.1	376.3	578.3	347.8	270.6	519.2	321.8	257.9
	37	826.6	484.4	747.5	452.4	353.5	681.2	423.6	339.6
Percent of Losses to Rated Apparent Power (%)	22	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.8
	30	1.8	1.0	1.6	0.9	0.7	1.4	0.9	0.7
	37	1.7	1.0	1.6	1.0	0.7	1.4	0.9	0.7

480V Drive Information

	Rated Output Power ND (Hp)		
	30	40	50
Rated Output Current (A)	40	52	65
Rated Apparent Power (kVA)	31.8	41.4	51.8
Standby Losses to S Rated (%)	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	35.4	38.5	42.2	40.7	38.9	45.9	41.4	38.7
	40	33.3	36.3	39.6	38.5	36.7	43.0	38.9	36.4
	50	34.5	38.6	41.9	41.6	40.2	46.4	42.8	40.3
Overall CDM Losses (W)	30	498.5	299.4	451.7	279.7	221.2	410.8	261.5	212.3
	40	618.2	365.6	555.5	339.4	266.1	501.2	315.4	254.4
	50	778.1	466.4	708.9	438.0	345.8	650.3	412.3	333.2
Percent of Losses to Rated Apparent Power (%)	30	1.6	0.9	1.4	0.9	0.7	1.3	0.8	0.7
	40	1.5	0.9	1.3	0.8	0.6	1.2	0.8	0.6
	50	1.5	0.9	1.4	0.8	0.7	1.3	0.8	0.6

600V Drive Information

	Rated Output Power ND (Hp)		
	30	40	50
Rated Output Current (A)	32	41	52
Rated Apparent Power (kVA)	31.9	40.8	51.8
Standby Losses to S Rated (%)	0.1	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	30.0	29.9	35.8	31.8	30.0	39.4	32.8	30.2
	40	30.1	30.3	36.4	32.6	30.6	40.3	33.7	30.8
	50	31.2	31.8	37.8	34.3	32.5	42.0	35.5	32.7
Overall CDM Losses (W)	30	422.4	232.3	383.5	218.7	170.7	352.3	207.1	165.5
	40	559.7	305.3	509.8	287.9	222.2	469.8	272.9	215.5
	50	703.8	383.7	639.1	361.0	279.1	588.0	341.6	270.4
Percent of Losses to Rated Apparent Power (%)	30	1.3	0.7	1.2	0.7	0.5	1.1	0.6	0.5
	40	1.4	0.7	1.2	0.7	0.5	1.2	0.7	0.5
	50	1.4	0.7	1.2	0.7	0.5	1.1	0.7	0.5

PowerFlex 700/700S Frame 4

240V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	54.6	53.0	61.4	53.7	48.6	63.7	52.5	47.2
	30	53.5	52.1	60.5	52.9	47.6	63.1	51.9	46.2
Overall CDM Losses (W)	25	659.2	358.8	566.3	322.3	242.8	493.1	290.8	227.6
	30	753.7	405.5	647.6	363.8	271.0	563.9	327.8	253.7
Percent of Losses to Rated Apparent Power (%)	25	2.4	1.3	2.0	1.2	0.9	1.8	1.0	0.8
	30	2.4	1.3	2.0	1.1	0.8	1.8	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)
	45
Rated Output Current (A)	85
Rated Apparent Power (kVA)	56.0
Standby Losses to S Rated (%)	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	37.1	40.8	43.8	43.1	42.2	47.7	43.9	42.0
Overall CDM Losses (W)		1001.6	585.0	885.7	540.1	427.3	795.3	501.7	408.9
Percent of Losses to Rated Apparent Power (%)		1.8	1.0	1.6	1.0	0.8	1.4	0.9	0.7

480V Drive Information

	Rated Output Power ND (Hp)
	60
Rated Output Current (A)	77
Rated Apparent Power (kVA)	61.4
Standby Losses to S Rated (%)	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	60	34.7	38.4	41.3	40.7	39.7	45.2	41.5	39.5
Overall CDM Losses (W)		937.7	550.8	834.7	510.0	401.6	753.6	474.9	384.7
Percent of Losses to Rated Apparent Power (%)		1.5	0.9	1.4	0.8	0.7	1.2	0.8	0.6

600V Drive Information

	Rated Output Power ND (Hp)
	60
Rated Output Current (A)	62
Rated Apparent Power (kVA)	61.8
Standby Losses to S Rated (%)	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	60	31.1	34.6	37.3	37.0	36.2	41.0	37.9	36.2
Overall CDM Losses (W)		839.7	496.1	753.1	462.5	366.4	684.1	433.5	352.6
Percent of Losses to Rated Apparent Power (%)		1.4	0.8	1.2	0.7	0.6	1.1	0.7	0.6

PowerFlex 700/700S Frame 5

240V Drive Information

	Rated Output Power ND (Hp)	
	40	50
Rated Output Current (A)	104	130
Rated Apparent Power (kVA)	41.4	51.8
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	49.1	51.7	59.1	55.1	50.8	65.1	56.0	50.4
	50	52.2	55.9	63.3	59.9	55.8	70.2	61.3	55.5
Overall CDM Losses (W)	40	911.6	521.8	828.5	486.1	368.5	758.4	453.7	352.3
	50	1175.4	675.8	1071.2	631.1	479.6	983.4	590.6	459.3
Percent of Losses to Rated Apparent Power (%)	40	2.2	1.3	2.0	1.2	0.9	1.8	1.1	0.9
	50	2.3	1.3	2.1	1.2	0.9	1.9	1.1	0.9

400V Drive Information

	Rated Output Power ND (kW)	
	55[1]	55[2]
Rated Output Current (A)	105	125
Rated Apparent Power (kVA)	69.1	82.3
Standby Losses to S Rated (%)	0.1	0.1

(1) 55 kW, 105 A
(2) 55 kW, 125 A

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55[1]	36.2	42.8	45.1	47.1	47.1	51.2	49.4	48.0
	55[2]	45.9	55.1	57.5	61.0	61.6	65.7	64.3	62.8
Overall CDM Losses (W)	55[1]	1173.8	722.7	1087.8	685.8	548.2	1016.2	652.7	531.6
	55[2]	1487.6	931.3	1387.9	888.2	715.7	1303.9	849.0	696.1
Percent of Losses to Rated Apparent Power (%)	55[1]	1.7	1.0	1.6	1.0	0.8	1.5	0.9	0.8
	55[2]	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8

(1) 55 kW, 105 A
(2) 55 kW, 125 A

480V Drive Information

	Rated Output Power ND (Hp)	
	75	100
Rated Output Current (A)	96	125
Rated Apparent Power (kVA)	76.5	99.6
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	75	34.2	41.2	42.7	45.4	45.9	48.7	47.9	46.8
	100	35.4	42.8	44.6	47.5	48.1	51.2	50.3	48.9
Overall CDM Losses (W)	75	1539.8	961.3	1439.2	917.8	737.1	1354.5	878.4	717.3
	100	1539.8	961.3	1439.2	917.8	737.1	1354.5	878.4	717.3
Percent of Losses to Rated Apparent Power (%)	75	2.0	1.3	1.9	1.2	1.0	1.8	1.1	0.9
	100	1.5	1.0	1.4	0.9	0.7	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (Hp)	
	75	100
Rated Output Current (A)	77	99
Rated Apparent Power (kVA)	76.7	98.6
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	75	42.1	47.1	51.8	51.3	50.2	57.7	53.3	50.8
	100	42.8	48.1	53.2	52.8	51.7	59.8	55.1	52.0
Overall CDM Losses (W)	75	1364.5	795.1	1250.3	748.0	584.1	1145.1	703.2	562.5
	100	1863.8	1080.3	1716.8	1019.7	791.0	1581.4	962.1	763.1
Percent of Losses to Rated Apparent Power (%)	75	1.8	1.0	1.6	1.0	0.8	1.5	0.9	0.7
	100	1.9	1.1	1.7	1.0	0.8	1.6	1.0	0.8

690V Drive Information

	Rated Output Power ND (kW)		
	45	55	75
Rated Output Current (A)	52	60	82
Rated Apparent Power (kVA)	59.4	68.6	93.7
Standby Losses to S Rated (%)	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	39.4	41.5	48.2	44.6	41.2	53.5	45.7	41.1
	55	41.0	44.9	50.6	49.1	46.6	56.8	51.1	47.1
	75	34.3	38.1	41.9	41.3	40.2	46.2	42.6	40.2
Overall CDM Losses (W)	45	1064.4	595.0	973.9	557.9	416.9	891.4	523.0	400.0
	55	1329.0	758.0	1222.0	714.6	541.5	1125.7	674.0	522.0
	75	1493.9	855.9	1351.6	797.7	615.8	1221.9	742.7	589.3
Percent of Losses to Rated Apparent Power (%)	45	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7
	55	1.9	1.1	1.8	1.0	0.8	1.6	1.0	0.8
	75	1.6	0.9	1.4	0.9	0.7	1.3	0.8	0.6

PowerFlex 700/700S Frame 6

240V Drive Information

	Rated Output Power ND (Hp)		
	60	75	100
Rated Output Current (A)	154	192	260
Rated Apparent Power (kVA)	61.4	76.5	103.6
Standby Losses to S Rated (%)	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	60	51.4	53.1	60.5	55.1	50.5	64.3	54.3	49.1
	75	56.2	59.7	66.9	63.1	59.0	71.9	63.2	58.1
	100	53.3	58.1	63.5	61.6	59.0	68.5	61.9	57.9
Overall CDM Losses (W)	60	1388.3	760.7	1222.9	689.2	511.4	1071.7	621.3	477.7
	75	1820.8	1008.1	1614.2	918.8	686.3	1425.3	833.9	644.2
	100	2318.1	1304.1	2049.4	1188.2	903.4	1810.9	1080.0	849.5
Percent of Losses to Rated Apparent Power (%)	60	2.3	1.2	2.0	1.1	0.8	1.7	1.0	0.8
	75	2.4	1.3	2.1	1.2	0.9	1.9	1.1	0.8
	100	2.2	1.3	2.0	1.1	0.9	1.7	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)		
	90	110	132
Rated Output Current (A)	170	205	260
Rated Apparent Power (kVA)	111.9	134.9	171.1
Standby Losses to S Rated (%)	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	37.7	42.9	46.0	46.6	46.0	50.9	47.7	46.0
	110	43.3	50.9	55.5	57.0	55.9	64.5	60.1	56.9
	132	39.5	46.5	50.3	51.6	51.4	57.9	54.2	51.7
Overall CDM Losses (W)	90	1947.7	1139.2	1762.5	1059.9	827.7	1593.9	984.9	790.7
	110	2405.3	1387.9	2181.2	1292.1	996.9	1977.3	1201.3	952.1
	132	2625.0	1512.6	2356.2	1397.2	1082.6	2118.1	1289.6	1029.2
Percent of Losses to Rated Apparent Power (%)	90	1.7	1.0	1.6	0.9	0.7	1.4	0.9	0.7
	110	1.8	1.0	1.6	1.0	0.7	1.5	0.9	0.7
	132	1.5	0.9	1.4	0.8	0.6	1.2	0.8	0.6

480V Drive Information

	Rated Output Power ND (Hp)		
	125	150	200
Rated Output Current (A)	156	180	248
Rated Apparent Power (kVA)	124.3	143.4	197.6
Standby Losses to S Rated (%)	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	125	35.8	41.7	44.0	45.4	45.3	48.9	46.7	45.4
	150	39.5	47.9	51.0	53.9	53.8	59.6	57.3	54.9
	200	38.5	45.8	49.1	51.0	51.1	56.7	53.7	51.4
Overall CDM Losses (W)	125	1850.1	1105.5	1683.6	1033.5	815.0	1531.2	965.0	781.1
	150	2192.0	1305.0	2001.8	1222.5	958.0	1827.4	1143.9	919.1
	200	2555.5	1490.7	2300.8	1380.8	1075.8	2074.3	1278.0	1024.8
Percent of Losses to Rated Apparent Power (%)	125	1.5	0.9	1.4	0.8	0.7	1.2	0.8	0.6
	150	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.6
	200	1.3	0.8	1.2	0.7	0.5	1.0	0.6	0.5

600V Drive Information

	Rated Output Power ND (Hp)	
	125	150
Rated Output Current (A)	125	144
Rated Apparent Power (kVA)	124.5	143.4
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	125	35.0	41.1	43.8	45.4	45.8	49.8	47.5	46.4
	150	39.3	48.2	51.7	55.1	55.7	61.8	59.5	57.6
Overall CDM Losses (W)	125	1811.7	1089.5	1678.3	1033.8	823.2	1559.1	981.6	797.7
	150	2184.0	1313.1	2030.3	1248.8	993.3	1893.0	1188.7	963.9
Percent of Losses to Rated Apparent Power (%)	125	1.5	0.9	1.3	0.8	0.7	1.3	0.8	0.6
	150	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.7

690V Drive Information

	Rated Output Power ND (kW)		
	90	110	132
Rated Output Current (A)	98	119	142
Rated Apparent Power (kVA)	112.0	136.0	162.3
Standby Losses to S Rated (%)	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	36.6	41.1	44.8	44.7	43.8	49.7	46.1	43.9
	100	32.0	39.2	41.4	44.3	45.0	48.8	47.5	46.3
	132	33.2	40.5	43.4	46.1	47.0	51.2	49.5	48.0
Overall CDM Losses (W)	90	1891.9	1089.4	1716.3	1018.2	787.9	1555.6	950.8	755.6
	110	1777.3	1067.7	1627.9	1005.9	802.5	1496.2	948.6	774.6
	132	2209.1	1320.3	2030.6	1246.5	989.5	1873.3	1178.1	956.1
Percent of Losses to Rated Apparent Power (%)	90	1.7	1.0	1.5	0.9	0.7	1.4	0.8	0.7
	110	1.3	0.8	1.2	0.7	0.6	1.1	0.7	0.6
	132	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6

PowerFlex 755TS AC Drives

These tables provide CDM losses for PowerFlex 755TS AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 750-TD104.

Frame	Page
PowerFlex 755TS Frame 1	112
PowerFlex 755TS Frame 2	116
PowerFlex 755TS Frame 3	120
PowerFlex 755TS Frame 4	123
PowerFlex 755TS Frame 5	125
PowerFlex 755TS Frame 6	128
PowerFlex 755TS Frame 7	133

PowerFlex 755TS Frame 1

208V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	4
Rated Output Current (A)	2.5	4.8	7.8	11	15.3
Rated Apparent Power (kVA)	0.90	1.73	2.81	3.96	5.51
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	60.0	62.1	60.2	60.5	60.8	59.6	59.3	59.2
	0.75	53.5	56.7	56.0	56.2	55.9	56.4	55.1	54.4
	1.5	59.8	60.1	63.4	59.7	57.6	64.4	58.3	55.7
	2.2	58.5	57.7	60.6	56.0	53.4	60.0	53.8	51.0
	4.0	58.8	56.5	59.1	53.6	50.2	57.3	50.8	47.7
Overall CDM Losses (W)	0.37	77.4	71.2	71.7	67.4	66.7	67.9	64.8	64.5
	0.75	100.7	82.9	91.0	77.5	72.0	84.2	73.5	69.2
	1.5	141.6	106.6	127.4	98.8	87.6	117.1	92.8	83.5
	2.2	175.0	125.5	151.2	113.1	98.1	134.3	104.0	92.2
	4.0	220.0	150.9	183.0	132.4	112.3	157.8	119.5	104.5
Percentage of Rated Apparent Power (%)	0.37	8.6	7.9	8.0	7.5	7.4	7.5	7.2	7.2
	0.75	5.8	4.8	5.3	4.5	4.2	4.9	4.3	4.0
	1.5	5.0	3.8	4.5	3.5	3.1	4.2	3.3	3.0
	2.2	4.4	3.2	3.8	2.9	2.5	3.4	2.6	2.3
	4.0	4.0	2.7	3.3	2.4	2.0	2.9	2.2	1.9

240V Drive Information

	Rated Output Power ND (Hp)				
	0.5	1	2	3	5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15.0
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.0
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	57.7	60.4	58.6	59.4	59.6	58.4	58.3	58.3
	1.0	57.8	60.6	60.1	59.8	59.3	60.2	58.5	57.7
	2.0	54.0	56.1	57.9	56.1	54.9	59.1	55.0	53.2
	3.0	52.0	53.0	54.7	52.0	50.4	54.8	50.4	48.4
	5.0	46.0	45.6	47.0	43.7	41.6	46.2	41.7	39.6
Overall CDM Losses (W)	0.5	74.5	69.3	69.8	66.1	65.5	66.5	63.8	63.5
	1.0	94.3	79.5	86.4	75.0	70.3	80.5	71.4	67.6
	2.0	127.9	99.4	116.4	92.9	83.5	107.5	87.5	79.7
	3.0	155.4	115.3	136.4	105.1	92.6	122.6	97.3	87.4
	5.0	219.3	151.3	183.0	133.0	113.0	158.5	120.3	105.3
Percentage of Rated Apparent Power (%)	0.5	8.5	7.9	8.0	7.5	7.5	7.6	7.3	7.2
	1.0	5.6	4.8	5.2	4.5	4.2	4.8	4.3	4.0
	2.0	4.7	3.7	4.3	3.4	3.1	4.0	3.2	2.9
	3.0	4.1	3.0	3.6	2.7	2.4	3.2	2.5	2.3
	5.0	3.7	2.5	3.1	2.2	1.9	2.7	2.0	1.8

400V Drive Information

	Rated Output Power ND (kW)					
	0.75	1.5	2.2	4.0	5.5	7.5
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1
Standby Losses to S Rated (%)	3.9	2.3	1.6	0.9	0.7	0.5

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	48.8	55.8	53.5	57.0	58.3	55.4	57.1	57.7
	1.5	40.0	46.6	44.9	48.2	49.6	47.2	48.5	49.1
	2.2	48.2	53.0	53.3	54.3	54.6	55.3	54.2	53.8
	4.0	44.3	46.6	48.9	47.4	46.3	51.2	47.4	45.6
	5.5	41.5	43.0	44.4	42.8	41.6	45.1	42.0	40.4
	7.5	35.5	35.0	38.1	34.8	32.9	38.6	34.0	31.9
Overall CDM Losses (W)	0.75	79.5	73.2	76.9	71.5	69.1	74.1	69.6	67.7
	1.5	94.8	82.5	90.3	79.9	75.4	85.8	77.1	73.5
	2.2	114.2	93.9	107.0	90.0	83.0	100.5	86.3	80.5
	4.0	165.8	124.6	151.3	117.1	103.5	141.2	111.6	99.9
	5.5	198.1	142.8	172.9	130.2	113.1	154.7	121.0	107.5
	7.5	277.6	161.1	231.9	143.8	116.6	200.6	131.3	109.8
Percentage of Rated Apparent Power (%)	0.75	5.8	5.3	5.6	5.2	5.0	5.4	5.0	4.9
	1.5	4.1	3.6	3.9	3.5	3.3	3.7	3.3	3.2
	2.2	3.5	2.9	3.3	2.7	2.5	3.1	2.6	2.4
	4.0	2.9	2.2	2.6	2.0	1.8	2.5	1.9	1.7
	5.5	2.6	1.9	2.3	1.7	1.5	2.0	1.6	1.4
	7.5	2.7	1.6	2.3	1.4	1.2	2.0	1.3	1.1

480V Drive Information

	Rated Output Power ND (Hp)					
	1	2	3	5	7.5	10
Rated Output Current (A)	2.1	3.4	5	8	11	14
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2
Standby Losses to S Rated (%)	3.2	2.0	1.4	0.8	0.6	0.5

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.0	49.9	56.9	54.7	58.1	59.3	56.5	57.9	58.4
	2.0	40.7	47.4	45.7	49.0	50.4	48.0	49.2	49.7
	3.0	39.5	44.5	44.4	45.9	46.4	46.5	46.0	45.7
	5.0	33.5	36.8	37.8	37.9	37.7	40.2	38.2	37.2
	7.5	34.1	35.8	37.7	36.4	35.4	39.0	36.0	34.5
	10.0	33.0	33.5	35.9	33.7	32.3	36.9	33.2	31.4
Overall CDM Losses (W)	1.0	81.4	74.7	78.6	72.8	70.2	75.6	70.6	68.5
	2.0	96.4	83.9	91.9	81.2	76.6	87.4	78.3	74.5
	3.0	118.2	96.9	110.9	92.8	85.3	104.1	88.8	82.6
	5.0	159.9	122.1	147.0	115.3	102.5	137.7	110.0	99.0
	7.5	198.3	128.5	173.9	118.7	100.8	155.8	110.8	96.2
	10.0	257.5	154.2	218.7	139.3	114.3	191.6	128.2	108.1
Percentage of Rated Apparent Power (%)	1.0	4.9	4.5	4.7	4.4	4.2	4.5	4.2	4.1
	2.0	3.6	3.1	3.4	3.0	2.8	3.2	2.9	2.8
	3.0	3.0	2.4	2.8	2.3	2.1	2.6	2.2	2.1
	5.0	2.5	1.9	2.3	1.8	1.6	2.2	1.7	1.6
	7.5	2.3	1.5	2.0	1.4	1.2	1.8	1.3	1.1
	10.0	2.3	1.4	2.0	1.2	1.0	1.7	1.1	1.0

PowerFlex 755TS Frame 2

208V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	4.0	5.5
Rated Output Current (A)	2.5	4.8	7.8	11	15.3	22
Rated Apparent Power (kVA)	0.9	1.7	2.8	4.0	5.5	7.9
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0	0.7

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	67.8	67.9	61.8	61.7	61.9	57.9	58.0	58.1
	0.75	62.8	62.5	57.3	56.8	56.2	53.3	53.2	53.0
	1.5	59.1	59.2	57.6	55.8	54.5	55.5	53.1	51.9
	2.2	59.2	58.0	59.1	55.0	52.5	57.5	52.3	49.9
	4.0	57.7	56.1	58.5	53.5	50.4	57.0	50.8	47.8
	5.5	66.7	62.2	67.5	58.8	53.8	65.9	55.5	50.7
Overall CDM Losses (W)	0.37	87.4	77.9	73.6	68.7	68.0	65.9	63.4	63.2
	0.75	118.0	91.4	93.2	78.4	72.5	79.5	71.0	67.5
	1.5	140.1	105.0	115.8	92.4	83.0	101.0	84.4	77.7
	2.2	177.0	126.1	147.5	111.0	96.5	128.6	101.0	90.3
	4.0	215.8	149.9	180.9	132.1	112.5	157.2	119.5	104.7
	5.5	318.0	206.5	262.8	179.0	146.2	225.9	160.1	134.8
Percentage of Rated Apparent Power (%)	0.37	9.7	8.6	8.2	7.6	7.5	7.3	7.0	7.0
	0.75	6.8	5.3	5.4	4.5	4.2	4.6	4.1	3.9
	1.5	5.0	3.7	4.1	3.3	3.0	3.6	3.0	2.8
	2.2	4.5	3.2	3.7	2.8	2.4	3.2	2.5	2.3
	4.0	3.9	2.7	3.3	2.4	2.0	2.9	2.2	1.9
	5.5	4.0	2.6	3.3	2.3	1.8	2.9	2.0	1.7

240V Drive Information

	Rated Output Power ND (Hp)					
	0.5	1.0	2.0	3.0	5.0	7.5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15	22
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.0	8.8
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9	0.6

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.5	63.9	65.1	59.9	60.4	60.6	57.0	57.3	57.3
	1.0	65.8	65.4	61.1	60.2	59.5	57.4	56.8	56.4
	2.0	53.2	55.1	53.2	52.8	52.3	52.2	50.8	50.1
	3.0	52.3	53.0	53.5	51.1	49.6	52.8	49.2	47.5
	5.0	43.6	44.3	46.0	43.4	41.6	46.2	41.9	39.7
	7.5	56.0	50.2	58.4	48.5	43.6	57.9	46.2	41.2
Overall CDM Losses (W)	0.5	82.5	74.7	71.3	67.2	66.6	64.9	62.6	62.4
	1.0	107.3	85.8	87.8	75.5	70.5	76.7	69.3	66.2
	2.0	126.0	97.6	107.0	87.5	79.6	95.0	80.8	75.1
	3.0	156.5	115.3	133.4	103.3	91.2	118.2	95.1	85.9
	5.0	208.1	147.0	179.2	131.9	112.9	158.3	120.7	105.7
	7.5	325.6	180.2	269.5	158.2	123.9	231.7	142.0	114.8
Percentage of Rated Apparent Power (%)	0.5	9.4	8.5	8.1	7.7	7.6	7.4	7.2	7.1
	1.0	6.4	5.1	5.2	4.5	4.2	4.6	4.1	4.0
	2.0	4.7	3.6	3.9	3.2	2.9	3.5	3.0	2.8
	3.0	4.1	3.0	3.5	2.7	2.4	3.1	2.5	2.2
	5.0	3.5	2.5	3.0	2.2	1.9	2.6	2.0	1.8
	7.5	3.7	2.1	3.1	1.8	1.4	2.6	1.6	1.3

400V Drive Information

	Rated Output Power ND (kW)						
	0.75	1.5	2.2	4.0	5.5	7.5	11
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4	22
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1	14.5
Standby Losses to S Rated (%)	3.9	2.3	1.6	0.9	0.7	0.5	0.4

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	47.4	54.9	52.3	56.3	57.8	54.4	56.5	57.2
	1.5	37.8	45.1	42.7	46.8	48.6	45.2	47.3	48.2
	2.2	44.1	50.2	49.0	51.7	52.7	51.4	51.9	52.1
	4.0	40.3	43.5	43.9	44.0	43.6	45.4	43.7	42.8
	5.5	40.4	42.4	43.5	42.3	41.3	44.6	41.7	40.2
	7.5	34.3	34.3	36.9	34.3	32.6	38.0	33.7	31.7
	11.0	36.4	35.6	39.7	35.6	33.1	41.1	35.0	32.1
Overall CDM Losses (W)	0.75	77.3	72.1	75.1	70.6	68.5	72.7	68.8	67.1
	1.5	89.6	79.9	85.9	77.6	74.0	82.3	75.3	72.3
	2.2	104.4	89.0	98.6	85.7	80.2	93.4	82.6	78.0
	4.0	150.7	116.4	135.9	108.7	97.5	125.0	102.8	93.7
	5.5	192.8	140.6	169.2	128.6	112.2	152.9	120.1	106.9
	7.5	267.7	157.9	225.0	141.6	115.5	197.4	130.1	109.1
	11.0	368.1	205.3	308.9	182.8	143.4	270.2	166.7	134.5
Percentage of Rated Apparent Power (%)	0.75	5.6	5.2	5.4	5.1	5.0	5.3	5.0	4.9
	1.5	3.9	3.5	3.7	3.4	3.2	3.6	3.3	3.1
	2.2	3.2	2.7	3.0	2.6	2.4	2.8	2.5	2.4
	4.0	2.6	2.0	2.4	1.9	1.7	2.2	1.8	1.6
	5.5	2.5	1.9	2.2	1.7	1.5	2.0	1.6	1.4
	7.5	2.6	1.6	2.2	1.4	1.1	1.9	1.3	1.1
	11.0	2.5	1.4	2.1	1.3	1.0	1.9	1.2	0.9

480V Drive Information

	Rated Output Power ND (Hp)						
	1	2	3	5	7.5	10	15
Rated Output Current (A)	2.1	3.4	5	8	11	14	22
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2	17.5
Standby Losses to S Rated (%)	3.2	2.0	1.4	0.8	0.6	0.5	0.3

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1	48.4	55.9	53.3	57.2	58.6	55.3	57.2	57.9
	2	38.4	45.8	43.4	47.5	49.3	46.0	47.9	48.8
	3	36.0	42.1	40.8	43.6	44.7	43.1	43.9	44.1
	5	30.7	34.5	34.3	35.4	35.7	36.0	35.4	35.1
	7.5	33.3	35.3	36.9	36.0	35.2	38.5	35.9	34.4
	10	31.9	32.9	35.0	33.3	32.0	36.3	33.0	31.2
	15	38.0	37.2	41.6	37.4	34.7	43.3	36.9	33.6
Overall CDM Losses (W)	1	79.0	73.4	76.6	71.7	69.5	74.0	69.7	67.9
	2	91.1	81.1	87.3	78.7	74.9	83.6	76.2	73.1
	3	107.8	91.5	101.7	88.0	82.1	96.4	84.7	79.8
	5	146.4	114.6	133.3	107.7	97.0	123.3	102.1	93.3
	7.5	193.3	126.9	170.4	117.6	100.3	154.2	110.2	95.9
	10	249.3	151.6	213.0	137.5	113.4	188.9	127.2	107.5
	15	383.5	214.7	323.9	191.9	150.3	284.7	175.4	141.0
Percentage of Rated Apparent Power (%)	1	4.7	4.4	4.6	4.3	4.2	4.4	4.2	4.1
	2	3.4	3.0	3.2	2.9	2.8	3.1	2.8	2.7
	3	2.7	2.3	2.6	2.2	2.1	2.4	2.1	2.0
	5	2.3	1.8	2.1	1.7	1.5	1.9	1.6	1.5
	7.5	2.2	1.4	1.9	1.3	1.1	1.8	1.3	1.1
	10	2.2	1.4	1.9	1.2	1.0	1.7	1.1	1.0
	15	2.2	1.2	1.8	1.1	0.9	1.6	1.0	0.8

PowerFlex 755TS Frame 3

208V Drive Information

	Rated Output Power ND (kW)		
	7.5	11	15
Rated Output Current (A)	32.2	43	61
Rated Apparent Power (kVA)	11.6	15.5	22.0
Standby Losses to S Rated (%)	0.5	0.4	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	51.7	47.9	54.8	46.6	41.6	53.4	43.6	38.9
	11	55.0	51.9	60.0	51.4	45.7	60.2	49.0	43.2
	15	53.2	48.3	57.3	46.5	40.2	56.1	42.5	36.7
Overall CDM Losses (W)	7.5	403.5	220.7	333.5	192.5	147.2	277.7	168.1	133.9
	11	555.4	299.4	466.9	263.8	197.7	395.7	233.1	181.1
	15	642.2	326.4	529.0	279.0	200.7	434.4	235.7	177.1
Percentage of Rated Apparent Power (%)	7.5	3.5	1.9	2.9	1.7	1.3	2.4	1.4	1.2
	11	3.6	1.9	3.0	1.7	1.3	2.6	1.5	1.2
	15	2.9	1.5	2.4	1.3	0.9	2.0	1.1	0.8

240V Drive Information

	Rated Output Power ND (Hp)		
	10	15	20
Rated Output Current (A)	28	42	55
Rated Apparent Power (kVA)	11.2	16.7	21.9
Standby Losses to S Rated (%)	0.5	0.3	0.2

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	44.3	42.8	47.8	42.2	38.5	47.4	40.0	36.3
	15	54.9	52.4	60.5	52.4	46.7	61.5	50.3	44.4
	20	46.4	43.4	50.5	42.2	37.1	49.8	38.8	34.0
Overall CDM Losses (W)	10	345.7	197.2	291.1	174.5	136.4	246.4	154.2	124.9
	15	554.4	302.4	471.0	268.5	202.1	403.9	239.3	186.0
	20	560.3	293.2	466.2	252.9	185.3	385.9	215.3	164.3
Percentage of Rated Apparent Power (%)	10	3.1	1.8	2.6	1.6	1.2	2.2	1.4	1.1
	15	3.3	1.8	2.8	1.6	1.2	2.4	1.4	1.1
	20	2.6	1.3	2.1	1.2	0.8	1.8	1.0	0.7

400V Drive Information

	Rated Output Power ND (kW)			
	15	18.5	22	30
Rated Output Current (A)	30	37	43	61
Rated Apparent Power (kVA)	19.7	24.4	28.3	40.1
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	37.6	37.8	40.9	37.7	35.5	41.9	36.8	34.2
	18.5	39.6	38.9	43.5	38.9	36.0	44.7	38.2	34.7
	22.0	37.8	38.2	42.7	39.3	36.3	45.1	39.2	35.5
	30	35.9	34.9	38.8	34.4	31.2	39.4	33.0	29.5
Overall CDM Losses (W)	15.0	454.3	255.5	377.3	225.9	177.1	324.6	204.0	165.2
	18.5	557.8	303.0	464.8	267.8	205.0	399.5	240.8	190.5
	22.0	701.9	384.9	598.0	346.5	263.6	525.9	317.4	248.2
	30	809.7	421.2	656.0	362.3	268.2	551.6	317.9	244.3
Percentage of Rated Apparent Power (%)	15.0	2.3	1.3	1.9	1.1	0.9	1.6	1.0	0.8
	18.5	2.3	1.2	1.9	1.1	0.8	1.6	1.0	0.8
	22.0	2.5	1.4	2.1	1.2	0.9	1.9	1.1	0.9
	30	2.0	1.0	1.6	0.9	0.7	1.4	0.8	0.6

480V Drive Information

	Rated Output Power ND (Hp)			
	20	25	30	40
Rated Output Current (A)	27	34	40	53
Rated Apparent Power (kVA)	21.5	27.1	31.9	42.2
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	34.8	36.0	38.5	36.4	34.6	40.0	35.9	33.6
	25	37.3	37.7	41.6	38.1	35.6	43.3	37.6	34.5
	30	37.1	38.3	42.6	39.8	37.0	45.6	40.1	36.4
	40	31.4	31.6	34.5	31.7	29.3	35.6	30.7	27.9
Overall CDM Losses (W)	20	419.9	243.4	355.3	218.2	173.1	310.0	198.8	162.3
	25	525.8	293.2	445.0	262.0	202.6	386.9	237.5	189.2
	30	689.0	385.8	596.7	351.2	268.9	531.6	324.4	254.4
	40	706.4	381.7	584.4	333.7	251.6	498.5	296.1	230.8
Percentage of Rated Apparent Power (%)	20	2.0	1.1	1.7	1.0	0.8	1.4	0.9	0.8
	25	1.9	1.1	1.6	1.0	0.7	1.4	0.9	0.7
	30	2.2	1.2	1.9	1.1	0.8	1.7	1.0	0.8
	40	1.7	0.9	1.4	0.8	0.6	1.2	0.7	0.5

600V Drive Information

	Rated Output Power ND (Hp)							
	1	2	3	5	7.5	10	15	20
Rated Output Current (A)	1.7	2.7	3.9	6.1	9	11	17	22
Rated Apparent Power (kVA)	1.7	2.7	3.9	6.1	9.0	11.0	17.0	21.9
Standby Losses to S Rated (%)	3.6	2.3	1.6	1.0	0.7	0.6	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.0	57.1	61.3	62.1	63.1	62.1	64.6	64.0	62.5
	2.0	52.1	60.7	59.1	63.5	65.1	63.2	65.0	65.5
	3.0	50.5	59.9	58.3	63.3	65.2	63.1	65.0	65.7
	5.0	45.1	54.8	53.2	58.4	60.5	58.3	60.4	1.3
	7.5	50.9	59.2	60.6	63.6	65.5	66.9	66.0	66.2
	10.0	53.7	70.7	65.8	76.5	81.0	74.0	80.0	82.0
	15.0	62.5	84.3	77.8	92.4	98.8	88.8	97.4	100.8
	20.0	56.2	74.1	70.5	81.8	86.8	80.9	86.5	88.6
Overall CDM Losses (W)	1.0	81.1	75.5	80.0	74.9	72.5	79.0	74.3	72.2
	2.0	97.9	88.7	96.1	87.7	83.9	94.4	86.8	83.5
	3.0	119.8	106.2	117.2	104.8	99.2	114.7	103.5	98.5
	5.0	168.7	146.4	164.6	144.3	135.2	160.6	142.2	134.1
	7.5	242.6	196.5	235.8	193.3	177.8	229.5	190.1	176.2
	10.0	312.2	253.8	303.7	249.8	230.4	295.9	246.0	228.5
	15.0	488.0	388.4	474.1	382.0	349.9	461.6	375.9	346.8
	20.0	567.2	428.0	548.3	419.5	375.6	531.7	411.6	371.6
Percentage of Rated Apparent Power (%)	1.0	4.8	4.4	4.7	4.4	4.3	4.6	4.4	4.2
	2.0	3.6	3.3	3.6	3.2	3.1	3.5	3.2	3.1
	3.0	3.1	2.7	3.0	2.7	2.5	2.9	2.7	2.5
	5.0	2.8	2.4	2.7	2.4	2.2	2.6	2.3	2.2
	7.5	2.7	2.2	2.6	2.1	2.0	2.6	2.1	2.0
	10.0	2.8	2.3	2.8	2.3	2.1	2.7	2.2	2.1
	15.0	2.9	2.3	2.8	2.2	2.1	2.7	2.2	2.0
	20.0	2.6	2.0	2.5	1.9	1.7	2.4	1.9	1.7

PowerFlex 755TS Frame 4

208V Drive Information

	Rated Output Power ND (kW)	
	15	18.2
Rated Output Current (A)	60	79
Rated Apparent Power (kVA)	21.6	28.5
Standby Losses to S Rated (%)	0.3	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	48.0	46.8	52.5	46.0	41.7	51.9	43.0	38.8
	18.2	38.5	38.3	43.0	38.1	34.2	42.7	35.3	31.5
Overall CDM Losses (W)	15.0	578.8	316.5	483.9	275.9	208.1	401.8	238.4	187.3
	18.2	714.6	386.0	602.6	336.0	248.5	497.1	286.1	220.5
Percentage of Rated Apparent Power (%)	15.0	2.7	1.5	2.2	1.3	1.0	1.9	1.1	0.9
	18.2	2.5	1.4	2.1	1.2	0.9	1.7	1.0	0.8

240V Drive Information

	Rated Output Power ND (Hp)	
	20	25
Rated Output Current (A)	54	71
Rated Apparent Power (kVA)	21.5	28.3
Standby Losses to S Rated (%)	0.3	0.2

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	20	42.7	42.8	47.2	42.5	39.1	47.2	40.1	36.7
	25	45.1	45.3	50.5	45.0	40.9	50.3	42.1	37.7
Overall CDM Losses (W)	20	514.9	289.8	435.5	255.1	195.5	365.8	222.4	177.0
	25	634.6	352.6	540.3	309.4	232.6	450.2	265.6	207.2
Percentage of Rated Apparent Power (%)	20	2.4	1.3	2.0	1.2	0.9	1.7	1.0	0.8
	25	2.2	1.2	1.9	1.1	0.8	1.6	0.9	0.7

400V Drive Information

	Rated Output Power ND (kW)			
	30	37	37	45
Rated Output Current (A)	60	72	73	86
Rated Apparent Power (kVA)	39.5	47.4	48.0	56.6
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	30.3	29.9	32.9	29.8	27.4	33.4	28.7	26.1
	37	31.1	30.0	34.0	29.9	27.2	34.8	28.8	25.9
	37	26.6	26.3	28.8	25.9	23.9	28.8	24.6	22.5
	45	33.1	31.6	35.3	30.7	27.7	35.0	28.9	25.9
Overall CDM Losses (W)	30	682.4	361.4	556.2	313.7	235.9	468.0	277.0	216.2
	37	839.7	430.5	687.2	373.9	275.0	579.4	329.8	251.9
	37	717.1	377.8	581.2	324.8	242.1	480.6	281.6	218.9
	45	893.2	453.5	713.1	384.5	280.5	584.0	330.2	251.5
Percentage of Rated Apparent Power (%)	30	1.7	0.9	1.4	0.8	0.6	1.2	0.7	0.5
	37	1.8	0.9	1.5	0.8	0.6	1.2	0.7	0.5
	37	1.5	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	45	1.6	0.8	1.3	0.7	0.5	1.0	0.6	0.4

480V Drive Information

	Rated Output Power ND (Hp)			
	40	50	50	60
Rated Output Current (A)	52	65	66	78
Rated Apparent Power (kVA)	41.4	51.8	52.6	62.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	26.3	27.0	29.1	27.3	25.6	30.0	26.6	24.5
	50	28.2	28.0	31.3	28.2	26.0	32.3	27.5	24.9
	50	24.1	24.6	26.5	24.5	22.9	26.8	23.4	21.6
	60	25.0	24.3	27.1	24.1	21.8	27.2	22.9	20.5
Overall CDM Losses (W)	40	592.2	326.1	492.4	287.4	220.1	420.3	256.3	202.9
	50	761.6	402.2	632.4	353.3	263.6	538.9	314.0	242.4
	50	650.7	352.6	534.7	306.3	231.5	446.6	267.6	210.1
	60	809.6	410.3	654.4	351.2	253.4	540.4	302.6	227.3
Percentage of Rated Apparent Power (%)	40	1.4	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	50	1.5	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	50	1.2	0.7	1.0	0.6	0.4	0.8	0.5	0.4
	60	1.3	0.7	1.1	0.6	0.4	0.9	0.5	0.4

600V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.0	31.9
Standby Losses to S Rated (%)	0.3	0.3

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	60.1	84.2	76.8	93.5	102.2	89.3	99.6	104.9
	30	60.8	84.9	78.1	94.6	103.4	91.2	101.4	106.2
Overall CDM Losses (W)	25	725.4	569.4	708.5	560.9	510.7	691.6	552.4	506.2
	30	855.8	660.4	835.8	650.3	588.1	815.8	640.2	582.9
Percentage of Rated Apparent Power (%)	25	2.8	2.2	2.7	2.2	2.0	2.7	2.1	1.9
	30	2.7	2.1	2.6	2.0	1.8	2.6	2.0	1.8

PowerFlex 755TS Frame 5

208V Drive Information

	Rated Output Power ND (kW)	
	18.2	22
Rated Output Current (A)	78.2	92
Rated Apparent Power (kVA)	28.2	33.1
Standby Losses to S Rated (%)	0.3	0.3

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	50.7	49.8	55.8	48.8	43.9	54.4	45.0	40.2
	22.0	47.0	46.5	52.6	46.4	41.7	52.0	43.0	38.5
Overall CDM Losses (W)	18.5	714.5	387.2	596.9	335.4	249.5	486.5	283.9	220.8
	22.0	873.3	469.0	737.1	409.2	302.7	606.0	348.6	269.2
Percentage of Rated Apparent Power (%)	18.5	2.5	1.4	2.1	1.2	0.9	1.7	1.0	0.8
	22.0	2.6	1.4	2.2	1.2	0.9	1.8	1.1	0.8

240V Drive Information

	Rated Output Power ND (Hp)	
	25	30
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.3	0.3

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	25	44.8	45.2	49.7	44.7	40.9	49.0	41.6	37.7
	30	40.0	41.1	45.2	41.3	38.0	45.2	38.7	35.2
Overall CDM Losses (W)	25	630.3	352.0	532.0	307.5	232.7	438.3	262.5	206.8
	30	743.0	414.1	633.8	364.6	275.6	526.9	313.4	246.3
Percentage of Rated Apparent Power (%)	25	2.3	1.3	1.9	1.1	0.8	1.6	0.9	0.7
	30	2.3	1.3	2.0	1.1	0.9	1.7	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)		
	37	45	55
Rated Output Current (A)	72	85	104
Rated Apparent Power (kVA)	47.4	55.9	68.5
Standby Losses to S Rated (%)	0.2	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	37	26.9	28.6	30.8	29.2	27.7	31.6	28.2	26.3
	45	33.7	34.4	37.6	34.4	31.8	38.0	32.6	29.9
	55	26.6	26.3	30.1	26.7	24.0	30.7	25.5	22.5
Overall CDM Losses (W)	37	725.7	410.4	622.2	366.0	280.4	526.6	322.0	256.3
	45	910.3	492.7	760.4	430.4	322.4	633.0	373.1	291.1
	55	1156.5	589.7	971.6	515.1	367.7	811.1	444.6	330.0
Percentage of Rated Apparent Power (%)	37	1.5	0.9	1.3	0.8	0.6	1.1	0.7	0.5
	45	1.6	0.9	1.4	0.8	0.6	1.1	0.7	0.5
	55	1.7	0.9	1.4	0.8	0.5	1.2	0.6	0.5

480V Drive Information

	Rated Output Power ND (Hp)		
	50	60	75
Rated Output Current (A)	65	77	96
Rated Apparent Power (kVA)	51.8	61.3	76.5
Standby Losses to S Rated (%)	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	50	24.9	27.2	28.8	27.9	26.8	29.7	27.1	25.6
	60	25.9	26.9	29.3	27.4	25.5	29.9	26.3	24.1
	75	24.9	25.2	28.5	25.8	23.5	29.2	24.8	22.1
Overall CDM Losses (W)	50	671.3	389.5	581.0	349.7	271.2	495.8	309.5	248.6
	60	838.9	454.3	707.8	399.4	296.6	593.6	347.1	267.4
	75	1084.4	566.2	919.3	498.2	359.9	773.6	432.6	324.0
Percentage of Rated Apparent Power (%)	50	1.3	0.8	1.1	0.7	0.5	1.0	0.6	0.5
	60	1.4	0.7	1.2	0.7	0.5	1.0	0.6	0.4
	75	1.4	0.7	1.2	0.7	0.5	1.0	0.6	0.4

600V Drive Information

	Rated Output Power ND (Hp)	
	40	50
Rated Output Current (A)	41	52
Rated Apparent Power (kVA)	40.8	51.8
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	40	53.7	75.7	69.0	84.9	92.7	80.4	90.7	95.2
	50	60.7	86.7	78.4	97.7	107.8	91.7	104.8	111.0
Overall CDM Losses (W)	40	998.3	763.1	967.3	748.8	672.8	936.3	734.4	665.6
	50	1367.5	1047.4	1326.2	1028.6	927.2	1284.8	1009.8	917.8
Percentage of Rated Apparent Power (%)	40	2.4	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	50	2.6	2.0	2.6	2.0	1.8	2.5	1.9	1.8

PowerFlex 755TS Frame 6

208V Drive Information

	Rated Output Power ND (kW)					
	22	30	37	45	55	66
Rated Output Current (A)	92	120	150	177	221	260
Rated Apparent Power (kVA)	33.1	43.2	54.0	63.8	79.6	93.7
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.2	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	50.6	51.0	52.7	48.1	44.3	49.5	42.4	38.8
	30	54.7	53.3	58.6	51.2	45.9	56.5	45.9	40.7
	37	49.5	50.3	54.6	48.8	44.4	52.8	43.4	38.8
	45	51.0	49.5	56.2	48.4	42.5	54.7	43.1	37.2
	55	55.6	52.8	60.5	51.3	44.3	58.6	45.6	38.7
	66	50.9	47.3	55.4	45.9	39.1	54.0	40.8	34.2
Overall CDM Losses (W)	22	940.2	513.8	738.5	424.1	321.3	576.2	343.5	271.0
	30	1231.3	644.3	992.1	539.5	394.8	791.9	442.4	336.6
	37	1335.2	720.8	1102.8	611.4	449.4	880.9	496.7	377.5
	45	1651.0	836.5	1357.0	704.7	493.9	1085.6	569.6	412.2
	55	2110.8	1041.1	1710.5	869.7	597.9	1358.0	700.6	499.6
	66	2632.8	1254.3	2123.4	1044.1	702.5	1690.4	843.3	589.0
Percentage of Rated Apparent Power (%)	22	2.8	1.6	2.2	1.3	1.0	1.7	1.0	0.8
	30	2.8	1.5	2.3	1.2	0.9	1.8	1.0	0.8
	37	2.5	1.3	2.0	1.1	0.8	1.6	0.9	0.7
	45	2.6	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	55	2.7	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	66	2.8	1.3	2.3	1.1	0.7	1.8	0.9	0.6

240V Drive Information

	Rated Output Power ND (Hp)					
	30	40	50	60	75	100
Rated Output Current (A)	80	104	130	154	192	260
Rated Apparent Power (kVA)	31.9	41.4	51.8	61.3	76.5	103.6
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.25	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	43.3	45.6	45.8	43.5	41.0	43.4	38.5	35.8
	40	46.0	46.9	50.0	45.4	41.7	48.5	40.8	36.9
	50	42.3	44.9	47.0	43.7	40.7	45.7	38.8	35.2
	60	43.2	43.9	48.1	43.0	38.8	47.0	38.4	33.7
	75	46.7	46.3	51.5	45.2	40.0	50.2	40.3	34.8
	100	51.2	48.0	56.2	46.9	40.1	55.3	42.0	35.2
Overall CDM Losses (W)	30	804.5	460.1	641.9	383.6	297.7	505.6	311.8	250.3
	40	1036.9	566.7	845.5	478.4	359.0	679.6	393.5	305.1
	50	1141.2	643.7	950.2	547.3	412.2	761.5	443.3	342.7
	60	1400.1	741.1	1161.2	626.9	451.0	933.0	506.3	373.4
	75	1773.4	911.7	1453.8	766.8	540.4	1162.1	619.0	449.4
	100	2646.4	1273.7	2152.4	1066.2	721.8	1730.4	866.6	605.9
Percentage of Rated Apparent Power (%)	30	2.5	1.4	2.0	1.2	0.9	1.6	1.0	0.8
	40	2.5	1.4	2.0	1.2	0.9	1.6	0.9	0.7
	50	2.2	1.2	1.8	1.1	0.8	1.5	0.9	0.7
	60	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	75	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	100	2.6	1.2	2.1	1.0	0.7	1.7	0.8	0.6

400V Drive Information

	Rated Output Power ND (kW)				
	55	75	90	110	132
Rated Output Current (A)	104	140	170	205	260
Rated Apparent Power (kVA)	68.5	92.1	111.9	134.9	171.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	26.2	27.3	29.3	27.5	25.7	29.6	25.9	23.7
	75	38.9	37.8	42.3	37.1	33.2	42.2	34.4	30.1
	90	31.3	33.4	37.2	34.7	31.8	39.5	33.1	29.2
	110	39.8	40.7	47.0	42.1	37.6	50.0	40.2	34.6
	132	35.9	36.0	42.2	37.1	32.8	44.5	35.4	30.0
Overall CDM Losses (W)	55	1139.3	613.5	944.8	529.9	393.4	782.7	452.1	347.6
	75	1694.1	848.9	1367.3	715.3	508.8	1116.5	599.9	441.9
	90	1737.1	911.9	1462.7	787.9	565.9	1211.8	661.8	488.5
	110	2208.2	1111.1	1847.5	955.9	669.2	1531.6	803.9	579.4
	132	2876.6	1410.8	2380.9	1205.9	828.6	1964.1	1012.2	718.5
Percentage of Rated Apparent Power (%)	55	1.7	0.9	1.4	0.8	0.6	1.1	0.7	0.5
	75	1.8	0.9	1.5	0.8	0.6	1.2	0.7	0.5
	90	1.6	0.8	1.3	0.7	0.5	1.1	0.6	0.4
	110	1.6	0.8	1.4	0.7	0.5	1.1	0.6	0.4
	132	1.7	0.8	1.4	0.7	0.5	1.1	0.6	0.4

480V Drive Information

	Rated Output Power ND (Hp)				
	75	100	125	150	200
Rated Output Current (A)	96	125	156	186	148.19
Rated Apparent Power (kVA)	76.5	99.6	124.3	148.2	197.6
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	75	24.8	26.5	27.9	26.8	25.4	28.4	25.3	23.4
	100	29.3	29.6	32.3	29.4	26.9	32.5	27.2	24.4
	125	29.5	32.4	35.3	33.7	31.3	37.6	32.1	28.6
	150	30.6	32.4	36.6	33.6	30.8	38.9	32.2	28.0
	200	28.2	29.0	33.3	29.9	26.7	35.4	28.6	24.5
Overall CDM Losses (W)	75	1076.8	594.7	901.2	516.7	388.2	751.1	442.2	342.7
	100	1513.8	786.0	1236.6	668.2	484.5	1016.3	562.6	420.7
	125	1636.0	882.9	1385.9	764.9	557.1	1151.6	642.1	478.5
	150	2031.4	1053.9	1711.4	910.2	647.8	1423.6	765.8	558.7
	200	2813.0	1406.0	2343.7	1207.4	837.9	1943.1	1016.5	726.1
Percentage of Rated Apparent Power (%)	75	1.4	0.8	1.2	0.7	0.5	1.0	0.6	0.4
	100	1.5	0.8	1.2	0.7	0.5	1.0	0.6	0.4
	125	1.3	0.7	1.1	0.6	0.4	0.9	0.5	0.4
	150	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	200	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4

600V Drive Information

	Rated Output Power ND (Hp)												
	10	15	20[1]	20	25	30	40	50	60	75	100	125	150
Rated Output Current (A)	12	18	24	23	28	33	42	53	63	77	99	125	144
Rated Apparent Power (kVA)	12.0	17.9	23.9	22.9	27.9	32.9	41.8	52.8	62.7	76.7	98.6	124.5	143.4
Standby Losses to S Rated (%)	1.7	1.2	0.9	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.1

(1) 20 Hp, 24 A

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	10	59.3	80.7	72.4	87.3	93.4	81.1	91.0	94.5
	15	53.7	72.7	66.3	79.2	84.3	74.8	82.9	85.6
	20[1]	49.3	66.3	61.3	72.6	77.0	69.5	76.2	78.3
	20	48.2	65.2	59.9	71.5	76.0	68.0	75.0	77.3
	25	46.1	62.0	57.6	67.9	72.3	65.5	71.3	73.5
	30	44.6	59.5	56.0	65.3	69.2	63.7	68.9	70.4
	40	40.8	53.6	51.3	59.1	62.0	58.5	62.2	63.0
	50	41.0	52.6	51.5	58.1	60.2	58.8	61.1	61.2
	60	38.5	49.4	48.6	54.5	56.2	55.7	57.4	57.2
	75	38.1	48.5	48.2	54.0	55.6	55.3	57.1	56.9
	100	35.8	44.5	45.3	49.5	50.3	51.9	52.4	51.1
	125	37.8	45.8	47.8	50.9	51.0	54.7	53.5	51.7
	150	41.0	51.1	54.1	58.5	58.5	64.9	63.3	60.4
Overall CDM Losses (W)	10	344.5	289.8	334.4	284.8	265.9	324.4	279.8	263.3
	15	419.4	335.0	403.9	327.5	298.6	388.7	320.0	294.7
	20[1]	498.3	382.8	477.2	372.6	333.4	456.6	362.5	328.2
	20	486.4	376.2	466.3	366.5	329.0	446.6	356.8	324.1
	25	556.4	419.3	531.6	407.4	361.1	507.2	395.5	355.1
	30	628.5	463.4	598.7	449.1	393.9	569.6	435.1	386.7
	40	758.3	540.3	719.3	521.9	449.8	681.5	503.7	440.5
	50	922.9	635.6	872.0	611.9	518.2	822.9	588.6	506.4
	60	1038.7	708.6	982.4	681.9	569.5	928.9	656.0	556.2
	75	1234.8	819.5	1163.9	786.3	646.4	1097.1	754.2	629.9
	100	1557.4	999.4	1461.9	955.6	770.6	1373.2	913.5	749.2
	125	1955.8	1215.4	1828.8	1158.4	917.3	1712.7	1104.1	889.9
	150	2277.4	1394.4	2125.7	1327.2	1043.1	1988.5	1263.7	1011.2
Percentage of Rated Apparent Power (%)	10	2.9	2.4	2.8	2.4	2.2	2.7	2.3	2.2
	15	2.3	1.9	2.3	1.8	1.7	2.2	1.8	1.6
	20[1]	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	20	2.1	1.6	2.0	1.6	1.4	2.0	1.6	1.4
	25	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	30	1.9	1.4	1.8	1.4	1.2	1.7	1.3	1.2
	40	1.8	1.3	1.7	1.2	1.1	1.6	1.2	1.1
	50	1.7	1.2	1.7	1.2	1.0	1.6	1.1	1.0
	60	1.7	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	75	1.6	1.1	1.5	1.0	0.8	1.4	1.0	0.8
	100	1.6	1.0	1.5	1.0	0.8	1.4	0.9	0.8
	125	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7
	150	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7

(1) 20 Hp, 24 A

690V Drive Information

	Rated Output Power ND (Hp)												
	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132
Rated Output Current (A)	12	15	20	23	30	34	46	50	61	82	98	119	142
Rated Apparent Power (kVA)	13.7	17.2	22.9	26.3	34.3	38.9	52.6	57.2	69.7	93.7	112.1	136.0	162.3
Standby Losses to S Rated (%)	1.5	1.2	0.9	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1

690V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	63.6	86.4	77.9	93.5	100.0	87.4	97.7	101.2
	11.0	52.3	72.3	65.0	79.1	84.9	73.7	83.1	86.5
	15.0	46.9	64.3	58.6	70.7	75.6	66.8	74.5	77.1
	18.5	42.7	58.5	53.6	64.4	69.1	61.4	67.9	70.5
	22.0	43.3	57.8	54.5	63.6	67.4	62.3	67.3	68.6
	30.0	36.3	48.7	46.0	54.0	57.1	52.7	57.1	58.2
	37.0	37.9	49.2	47.9	54.5	56.6	54.9	57.4	57.6
	45.0	34.5	44.2	43.8	48.8	50.5	50.3	51.5	51.4
	55.0	30.9	39.1	39.2	43.6	44.6	45.2	46.2	45.6
	75.0	30.5	37.8	38.7	42.1	42.6	44.5	44.6	43.2
	90.0	30.7	37.7	39.0	42.1	42.3	44.9	44.4	43.0
	110.0	34.8	43.8	46.2	50.3	50.3	55.7	54.5	52.0
	132.0	35.2	43.6	46.8	50.0	50.0	56.1	54.2	51.3
Overall CDM Losses (W)	7.5	369.6	310.2	359.5	305.3	284.6	349.6	300.3	282.0
	11.0	408.4	333.2	395.6	326.9	300.9	383.1	320.7	297.7
	15.0	473.4	371.0	456.1	362.6	327.5	439.2	354.3	323.2
	18.5	515.0	395.8	494.9	386.1	345.3	475.2	376.5	340.4
	22.0	610.0	450.2	583.2	437.3	383.1	557.1	424.6	376.6
	30.0	675.1	491.2	644.4	476.5	414.5	614.5	462.0	407.0
	37.0	854.2	593.8	811.1	573.5	486.9	769.3	553.5	476.8
	45.0	932.5	633.8	884.4	611.2	511.1	838.1	589.0	499.7
	55.0	1001.4	660.9	947.3	635.2	518.1	895.8	610.2	505.2
	75.0	1325.1	848.4	1249.0	813.0	651.6	1177.6	778.8	634.1
	90.0	1587.7	1000.8	1493.7	957.6	761.1	1406.4	916.1	740.0
	110.0	1934.1	1193.9	1815.1	1140.1	895.7	1705.8	1088.9	869.8
	132.0	2337.8	1418.5	2189.3	1352.6	1053.4	2054.8	1290.3	1022.0
Percentage of Rated Apparent Power (%)	7.5	2.7	2.3	2.6	2.2	2.1	2.6	2.2	2.1
	11.0	2.4	1.9	2.3	1.9	1.7	2.2	1.9	1.7
	15.0	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	18.5	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	22.0	1.8	1.3	1.7	1.3	1.1	1.6	1.2	1.1
	30.0	1.7	1.3	1.7	1.2	1.1	1.6	1.2	1.0
	37.0	1.6	1.1	1.5	1.1	0.9	1.5	1.1	0.9
	45.0	1.6	1.1	1.5	1.1	0.9	1.5	1.0	0.9
	55.0	1.4	0.9	1.4	0.9	0.7	1.3	0.9	0.7
	75.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	90.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	110.0	1.4	0.9	1.3	0.8	0.7	1.3	0.8	0.6
	132.0	1.4	0.9	1.3	0.8	0.6	1.3	0.8	0.6

PowerFlex 755TS Frame 7

208V Drive Information

	Rated Output Power ND (kW)			
	66	90	110	132
Rated Output Current (A)	260	359	414	477
Rated Apparent Power (kVA)	93.7	129.3	149.2	171.8
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	66	45.7	45.0	49.3	43.7	38.8	47.9	39.2	34.2
	90	62.1	60.8	71.2	61.6	53.0	73.9	57.7	48.3
	110	52.9	52.9	59.8	52.9	46.4	60.5	48.7	41.3
	132	53.0	51.7	59.6	51.6	44.6	60.3	47.5	39.9
Overall CDM Losses (W)	66	2364.7	1194.3	1888.9	994.8	697.1	1500.8	809.8	588.3
	90	3447.9	1658.4	2798.1	1396.7	945.3	2264.6	1153.0	809.1
	110	3517.0	1722.4	2801.0	1432.5	976.6	2213.7	1159.8	823.9
	132	4253.2	2027.8	3363.0	1678.6	1127.2	2657.4	1360.2	953.3
Percentage of Rated Apparent Power (%)	66	2.5	1.3	2.0	1.1	0.7	1.6	0.9	0.6
	90	2.7	1.3	2.2	1.1	0.7	1.8	0.9	0.6
	110	2.4	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	132	2.5	1.2	2.0	1.0	0.7	1.5	0.8	0.6

240V Drive Information

	Rated Output Power ND (Hp)			
	100	125	150	200
Rated Output Current (A)	260	312	360	477
Rated Apparent Power (kVA)	103.6	124.3	143.4	190.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	100	45.3	45.4	50.0	44.7	40.0	49.5	40.6	35.4
	125	52.0	52.9	60.5	54.1	47.7	63.4	51.0	43.4
	150	44.5	46.2	51.1	46.7	41.8	52.3	43.2	37.2
	200	53.2	52.5	60.4	52.7	45.9	61.9	49.0	41.1
Overall CDM Losses (W)	100	2340.6	1204.3	1913.5	1018.1	718.5	1549.4	838.1	608.8
	125	2886.9	1443.2	2378.0	1227.3	849.2	1943.9	1018.4	726.0
	150	2955.5	1503.0	2394.2	1263.0	879.3	1913.9	1028.3	740.6
	200	4266.7	2056.9	3411.8	1715.7	1159.5	2729.1	1401.9	983.6
Percentage of Rated Apparent Power (%)	100	2.3	1.2	1.8	1.0	0.7	1.5	0.8	0.6
	125	2.3	1.2	1.9	1.0	0.7	1.6	0.8	0.6
	150	2.1	1.0	1.7	0.9	0.6	1.3	0.7	0.5
	200	2.2	1.1	1.8	0.9	0.6	1.4	0.7	0.5

400V Drive Information

	Rated Output Power ND (kW)				
	132	160	200	250	270
Rated Output Current (A)	260	302	367	456	477
Rated Apparent Power (kVA)	171.1	198.8	241.6	300.1	314.0
Standby Losses to S Rated (%)	0.1	0.1	0.0	0.0	0.0

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	32.8	35.4	39.5	37.3	34.5	42.7	36.7	32.4
	160	31.7	33.5	37.9	35.1	32.0	41.0	34.4	30.0
	200	39.9	41.0	48.0	43.0	38.4	52.3	42.3	36.1
	250	35.3	36.1	41.5	37.4	32.6	44.0	35.7	30.1
	270	34.3	34.8	40.4	36.2	31.4	43.1	34.7	29.1
Overall CDM Losses (W)	132	2628.6	1386.3	2228.0	1214.3	872.1	1885.2	1049.1	775.4
	160	3160.9	1626.3	2666.6	1417.7	1002.9	2252.3	1220.7	888.2
	200	3985.4	1988.1	3378.0	1738.2	1204.5	2870.2	1503.0	1071.6
	250	4375.3	2124.2	3605.2	1818.3	1219.0	2978.4	1532.5	1062.9
	270	4586.2	2216.2	3797.3	1903.0	1270.3	3149.0	1607.9	1110.1
Percentage of Rated Apparent Power (%)	132	1.5	0.8	1.3	0.7	0.5	1.1	0.6	0.5
	160	1.6	0.8	1.3	0.7	0.5	1.1	0.6	0.4
	200	1.6	0.8	1.4	0.7	0.5	1.2	0.6	0.4
	250	1.5	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	270	1.5	0.7	1.2	0.6	0.4	1.0	0.5	0.4

480V Drive Information

	Rated Output Power ND (Hp)				
	200	250	300	350	400
Rated Output Current (A)	248	302	361	415	477
Rated Apparent Power (kVA)	197.6	240.6	287.6	330.6	380.0
Standby Losses to S Rated (%)	0.1	0.0	0.0	0.0	0.0

480V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	200	26.2	28.9	31.8	30.5	28.4	34.7	30.1	26.8
	250	33.3	35.5	40.1	37.3	34.1	43.6	36.7	32.0
	300	33.1	34.0	40.2	36.1	31.5	44.1	35.4	29.6
	350	26.0	27.4	30.9	28.4	25.3	33.1	27.5	23.4
	400	30.7	31.6	36.5	32.8	28.8	39.2	31.8	26.7
Overall CDM Losses (W)	200	2613.5	1400.9	2232.8	1233.2	891.9	1901.7	1069.4	793.0
	250	3320.6	1722.9	2818.0	1507.9	1069.7	2394.4	1303.2	948.0
	300	4100.9	2001.8	3492.9	1753.7	1181.2	2980.5	1516.1	1047.0
	350	4060.2	2023.6	3381.1	1744.4	1185.9	2813.4	1476.7	1034.1
	400	4792.1	2335.6	3990.8	2014.0	1349.4	3330.1	1709.4	1180.8
Percentage of Rated Apparent Power (%)	200	1.3	0.7	1.1	0.6	0.5	1.0	0.5	0.4
	250	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	300	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	350	1.2	0.6	1.0	0.5	0.4	0.9	0.4	0.3
	400	1.3	0.6	1.1	0.5	0.4	0.9	0.4	0.3

600V Drive Information

	Rated Output Power ND (Hp)		
	200	250	300
Rated Output Current (A)	192	242	289
Rated Apparent Power (kVA)	191.2	241.0	287.8
Standby Losses to S Rated (%)	0.2	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	200	44.9	54.6	59.3	62.2	62.0	70.5	67.0	63.3
	250	47.9	55.9	63.0	63.5	61.8	74.8	68.2	63.0
	300	47.6	52.5	62.3	59.3	55.4	73.8	63.5	56.3
Overall CDM Losses (W)	200	2986.6	1776.4	2774.9	1683.3	1305.1	2582.2	1595.0	1260.9
	250	3842.8	2189.8	3556.1	2067.0	1562.8	3299.5	1951.9	1505.8
	300	4747.4	2549.0	4377.6	2396.3	1736.0	4051.8	2254.6	1668.4
Percentage of Rated Apparent Power (%)	200	1.6	0.9	1.5	0.9	0.7	1.4	0.8	0.7
	250	1.6	0.9	1.5	0.9	0.6	1.4	0.8	0.6
	300	1.6	0.9	1.5	0.8	0.6	1.4	0.8	0.6

690V Drive Information

	Rated Output Power ND (Hp)		
	160	200	250
Rated Output Current (A)	171	212	263
Rated Apparent Power (kVA)	195.5	242.4	300.7
Standby Losses to S Rated (%)	0.2	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	33.9	41.1	44.9	47.0	46.4	53.7	50.7	47.5
	200	34.4	40.5	45.4	46.1	44.7	54.2	49.6	45.6
	250	35.7	40.4	47.0	46.1	43.1	56.2	49.4	44.0
Overall CDM Losses (W)	160	2718.6	1609.9	2536.5	1528.8	1173.8	2369.5	1451.6	1135.0
	200	3432.4	1966.4	3192.6	1862.0	1402.2	2975.7	1763.5	1353.1
	250	4414.8	2378.3	4090.9	2242.8	1614.6	3803.2	2116.4	1554.0
Percentage of Rated Apparent Power (%)	160	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	200	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	250	1.5	0.8	1.4	0.7	0.5	1.3	0.7	0.5

PowerFlex 700H AC Drives

These tables provide CDM losses for PowerFlex 700H AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 20C-TD001.

400V Drive Information

	Rated Output Power ND (kW)							
	160	**200**	**250**	**315**	**355**	**400**	**450**	**710**
Rated Output Current (A)	300	385	500	590	650	730	820	1300
Rated Apparent Power (kVA)	208	267	360	409	450	506	714	901
Standby Losses to S Rated (%)	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	**90/50**	**50/100**	**50/50**	**50/25**	**0/100**	**0/50**	**0/25**
Percentage of IEC Reference Loss (%)	160	51.6	50.3	62.0	53.8	48.7	69.7	55.2	48.3
	200	48.0	51.2	57.5	54.8	52.2	64.4	56.6	52.1
	250	55.5	55.6	67.1	59.8	54.3	75.6	61.2	53.9
	315	46.4	51.0	57.1	55.4	53.4	65.0	57.6	53.4
	355	46.6	49.6	57.1	53.9	50.7	64.9	55.6	50.6
	400	48.3	49.4	58.9	53.5	49.1	66.8	54.9	48.9
	450	55.3	55.4	67.0	59.7	54.8	75.8	61.6	54.4
	710	46.7	49.8	57.2	54.2	51.0	64.9	55.8	50.9
Overall CDM Losses (W)	160	4133	1971	3499	1750	1232	3074	1581	1155
	200	4783	2482	4044	2217	1638	3532	2009	1544
	250	6876	3276	5832	2909	2032	5116	2623	1903
	315	7237	3768	6247	3398	2501	5526	3095	2361
	355	8181	4125	7031	3703	2674	6209	3363	2518
	400	9548	4627	8165	4131	2915	7198	3739	2737
	450	13,630	6497	11576	5773	4036	10165	5208	3782
	710	16,364	8241	14028	7390	5339	12369	6705	5026
Percentage of Rated Apparent Power (%)	160	1.99	0.95	1.68	0.84	0.59	1.48	0.76	0.56
	200	1.79	0.93	1.51	0.83	0.61	1.32	0.75	0.58
	250	1.91	0.91	1.62	0.81	0.56	1.42	0.73	0.53
	315	1.77	0.92	1.53	0.83	0.61	1.35	0.76	0.58
	355	1.82	0.92	1.56	0.82	0.59	1.38	0.75	0.56
	400	1.89	0.91	1.61	0.82	0.58	1.42	0.74	0.54
	450	1.91	0.91	1.62	0.81	0.57	1.42	0.73	0.53
	710	1.82	0.91	1.56	0.82	0.59	1.37	0.74	0.56

600V Drive Information

	Rated Output Power ND (Hp)					
	160	200	250	400	500	560
Rated Output Current (A)	170	208	261	416	502	590
Rated Apparent Power (kVA)	203	249	312	497	588	692
Standby Losses to S Rated (%)	0.1	0.0	0.1	0.0	0.0	0.0

600V Drive Loss Summary

	Rated Output Power ND (Hp)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	38.0	40.9	46.2	44.8	43.2	52.7	47.1	43.7
	200	40.1	39.4	47.8	42.3	38.5	54.1	44.1	38.7
	250	37.2	42.6	46.4	47.6	46.6	54.1	50.5	47.6
	400	40.4	40.8	50.4	45.3	41.2	58.8	47.8	41.8
	500	36.0	38.9	45.0	43.3	41.5	52.6	46.3	42.3
	560	26.2	28.8	32.3	31.4	30.3	36.8	32.7	30.3
Overall CDM Losses (W)	160	3045	1604	2608	1456	1092	2325	1347	1044
	200	3995	1911	3363	1708	1207	2970	1565	1146
	250	4603	2506	4035	2312	1746	3663	2167	1683
	400	7989	3826	6983	3497	2447	6336	3255	2344
	500	8873	4561	7779	4189	3056	7058	3911	2935
	560	7237	3768	6247	3398	2501	5526	3095	2361
Percentage of Rated Apparent Power (%)	160	1.5	0.79	1.28	0.72	0.54	1.15	0.66	0.51
	200	1.6	0.77	1.35	0.69	0.48	1.19	0.63	0.46
	250	1.48	0.8	1.29	0.74	0.56	1.17	0.69	0.54
	400	1.61	0.77	1.41	0.7	0.49	1.27	0.65	0.47
	500	1.48	0.76	1.3	0.7	0.51	1.18	0.65	0.49
	560	1.77	0.92	1.53	0.83	0.61	1.35	0.76	0.58

Armor PowerFlex AC Drives

These tables provide CDM losses for Armor PowerFlex AC drives.
Operating temperature and rated supply frequency can be found on the product label or in publication 35-TD001.

480V Drive Information and Loss Summary

480V Drive Information

Attribute		Rated Output Power, Normal Duty					
		Frame A			Frame B		
		1 Hp	2 Hp	3 Hp	5 Hp	7.5 Hp	10 Hp
Rated Output Current	[A]	2.3	4	6	10.5	13	17
Rated Apparent Power	[kVA]	1.83	3.19	4.78	8.37	10.36	13.55

480V Drive Loss Summary

Attribute	Frame Size	Rated Output Power, Normal Duty [Hp]	Power Supply	Load % (Speed/Torque)							
				(90/100)	(90/50)	(50/100)	(50/50)	(50/25)	(10/100)	(10/50)	(10/25)
IE classification	A	1	with or without	IE2	–	–	–	–	–	–	–
		2									
		3									
	B	5									
		7.5									
		10									
% IEC reference loss	A	1	with	44.10%	44.30%	47.60%	45.50%	43.60%	49.30%	46.00%	43.80%
			without	30.40%	28.50%	32.50%	29.10%	26.90%	33.40%	29.20%	27.00%
		2	with	42.70%	44.90%	48.00%	46.70%	45.70%	50.70%	47.40%	45.80%
			without	32.30%	31.50%	36.00%	32.50%	30.50%	37.70%	32.80%	30.50%
		3	with	44.10%	45.20%	50.00%	47.20%	45.40%	53.20%	48.00%	45.50%
			without	35.80%	34.20%	40.30%	35.40%	32.60%	42.50%	35.70%	32.50%
	B	5	with	45.10%	43.00%	51.80%	45.10%	42.70%	55.40%	45.90%	42.80%
			without	39.90%	35.70%	45.50%	37.20%	33.90%	48.30%	37.60%	33.90%
		7.5	with	45.10%	43.00%	51.80%	45.10%	42.70%	55.40%	45.90%	42.80%
			without	43.00%	36.00%	50.00%	37.80%	33.30%	53.70%	38.30%	33.10%
		10	with	48.60%	46.50%	58.00%	49.30%	44.80%	63.60%	50.40%	44.80%
			without	45.20%	41.00%	53.80%	43.30%	38.00%	58.70%	44.00%	37.80%
Overall CDM Losses [W]	A	1	with	62.6	54.6	61.4	54	51	60.3	53.4	50.7
			without	43.1	35.1	41.9	34.5	31.5	40.8	33.9	31.2
		2	with	80.3	65.6	78	64.4	58.9	75.7	63.3	58.3
			without	60.8	46.1	58.5	44.9	39.4	56.2	43.8	38.8
		3	with	104.5	80	100.5	78.1	69.1	96.7	76.3	68.2
			without	85	60.5	81	58.6	49.6	77.2	56.8	48.7
	B	5	with	168.6	115	160.4	111.4	95.4	152.7	108	93.7
			without	149.1	95.5	140.9	91.9	75.9	133.2	88.5	74.2
		7.5	with	224.8	139	213.9	134.4	109.8	203.7	130	107.7
			without	205.3	119.5	194.4	114.9	90.3	184.2	110.5	88.2
		10	with	282.1	166.9	267.7	160.7	127.6	254.4	154.9	124.7
			without	262.6	147.4	248.2	141.2	108.1	234.9	135.4	105.2

Attribute	Frame Size	Rated Output Power, Normal Duty [Hp]	Power Supply	Load % (Speed/Torque)							
				(90/100)	(90/50)	(50/100)	(50/50)	(50/25)	(10/100)	(10/50)	(10/25)
Efficiency	A	1	with	95.9%	93.5%	95.9%	93.5%	88.8%	96.0%	93.6%	88.9%
			without	97.1%	95.7%	97.2%	95.8%	92.8%	97.3%	95.8%	92.8%
		2	with	96.9%	95.4%	97.0%	95.5%	92.3%	97.1%	95.5%	92.3%
			without	97.6%	96.7%	97.7%	96.8%	94.7%	97.8%	96.9%	94.8%
		3	with	97.3%	96.2%	97.4%	96.3%	93.8%	97.5%	96.4%	93.9%
			without	97.8%	97.1%	97.9%	97.2%	95.5%	98.0%	97.3%	95.6%
	B	5	with	97.4%	96.5%	94.1%	94.1%	90.6%	82.3%	76.7%	66.3%
			without	97.7%	97.1%	96.2%	95.1%	92.4%	84.2%	80.1%	71.3%
		7.5	with	97.2%	96.6%	95.4%	94.3%	91.2%	81.2%	77.2%	68.0%
			without	97.5%	97.1%	95.8%	95.1%	92.7%	82.7%	80.0%	72.1%
		10	with	97.3%	96.9%	95.4%	97.2%	92.1%	81.9%	78.8%	70.5%
			without	97.5%	97.2%	95.9%	95.3%	93.2%	83.1%	82.7%	81.0%
Losses to Rated Apparent Power	A	1	with	3.42%	2.98%	3.36%	2.95%	2.79%	3.30%	2.92%	2.77%
			without	2.36%	1.92%	2.29%	1.89%	1.72%	2.23%	1.85%	1.70%
		2	with	2.52%	2.06%	2.45%	2.02%	1.85%	2.37%	1.98%	1.83%
			without	1.91%	1.45%	1.83%	1.41%	1.24%	1.76%	1.37%	1.22%
		3	with	2.19%	1.67%	2.10%	1.63%	1.45%	2.02%	1.60%	1.43%
			without	1.78%	1.27%	1.69%	1.23%	1.04%	1.62%	1.19%	1.02%
	B	5	with	2.01%	1.37%	1.92%	1.33%	1.14%	1.82%	1.29%	1.12%
			without	1.78%	1.14%	1.68%	1.10%	0.91%	1.59%	1.06%	0.89%
		7.5	with	2.17%	1.34%	2.06%	1.30%	1.06%	1.97%	1.25%	1.04%
			without	1.98%	1.15%	1.88%	1.11%	0.87%	1.78%	1.07%	0.85%
		10	with	2.08%	1.23%	1.98%	1.19%	0.94%	1.88%	1.14%	0.92%
			without	1.94%	1.09%	1.83%	1.04%	0.80%	1.73%	1.00%	0.78%

Notes:

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation. You can view or download publications at rok.auto/literature.

Resource	Description
EtherNet/IP Network Devices User Manual, ENET-UM006	Describes how to configure and use EtherNet/IP devices to communicate on the EtherNet/IP network.
Ethernet Reference Manual, ENET-RM002	Describes basic Ethernet concepts, infrastructure components, and infrastructure features.
System Security Design Guidelines Reference Manual, SECURE-RM001	Provides guidance on how to conduct security assessments, implement Rockwell Automation products in a secure system, harden the control system, manage user access, and dispose of equipment.
UL Standards Listing for Industrial Control Products, publication CMPNTS-SR002	Assists original equipment manufacturers (OEMs) with construction of panels, to help ensure that they conform to the requirements of Underwriters Laboratories.
American Standards, Configurations, and Ratings: Introduction to Motor Circuit Design, publication IC-AT001	Provides an overview of American motor circuit design based on methods that are outlined in the NEC.
Industrial Components Preventive Maintenance, Enclosures, and Contact Ratings Specifications, publication IC-TD002	Provides a quick reference tool for Allen-Bradley industrial automation controls and assemblies.
Safety Guidelines for the Application, Installation, and Maintenance of Solid-state Control, publication SGI-1.1	Designed to harmonize with NEMA Standards Publication No. ICS 1.1-1987 and provides general guidelines for the application, installation, and maintenance of solid-state control in the form of individual devices or packaged assemblies incorporating solid-state components.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
ProposalWorks™ configuration software, rok.auto/systemtools	Helps configure complete, valid catalog numbers and build complete quotes based on detailed product information.
Rockwell Automation Global SCCR tool, rok.auto/sccr	Provides coordinated high-fault branch circuit solutions for motor starters, soft starters, and component drives.
Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

Rockwell Automation Support

Use these resources to access support information.

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