

Copper Compression Metric Lugs and Splices



SAFETY



With Metric
Conductors



WORLDWIDE

COMPLIANT

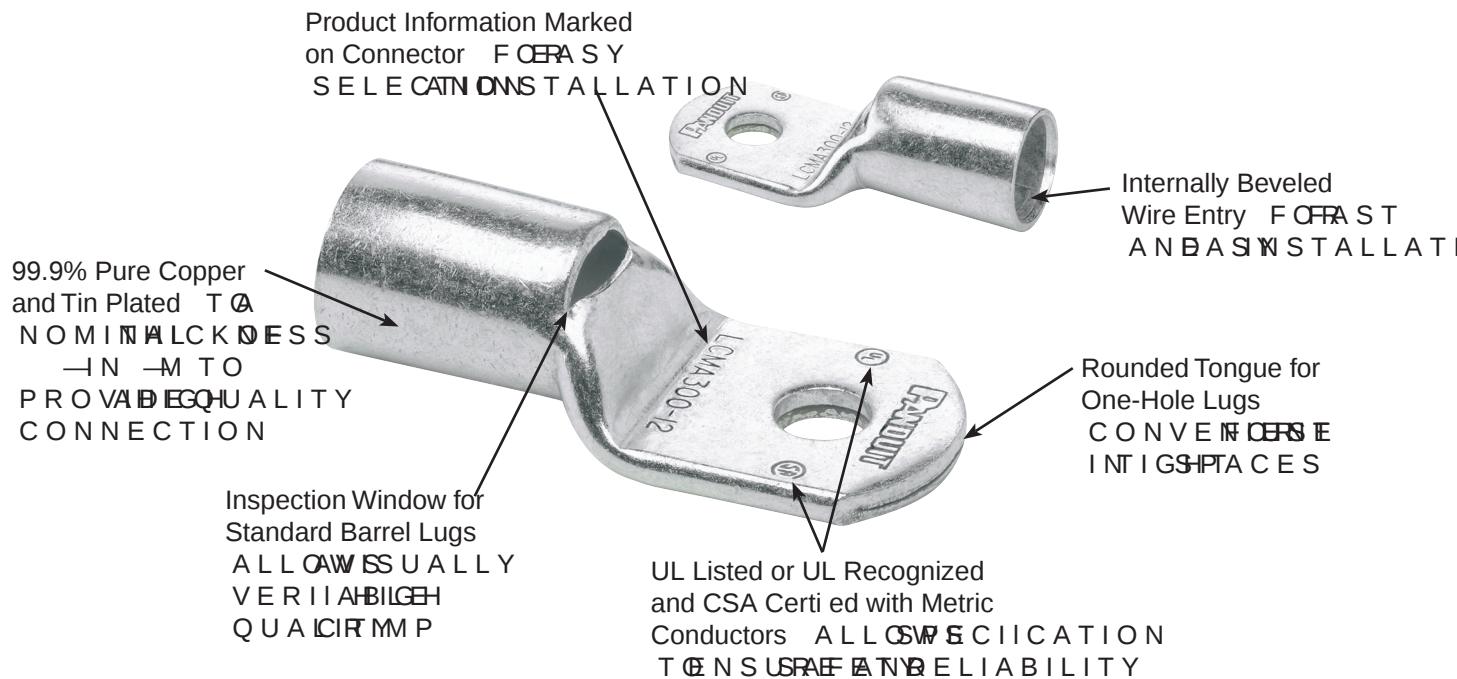
3 STANDARD BARREL AND BENT LUGS FOR COPPER CLASS SIG DRAND END USE 0.8 MM MM, COPPER CLASS EXISTE AND END USE 0.8 MM MM AND COPPER CLASS EXISTE AND END USE 0.8 MM MM

NEW!

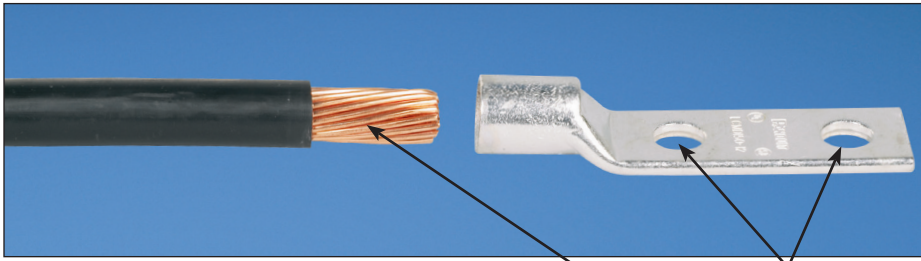
3 STANDARD BARREL AND BENT LUGS FOR COPPER CLASS SIG DRAND END USE 0.8 MM MM, COPPER CLASS EXISTE AND END USE 0.8 MM MM AND COPPER CLASS EXISTE AND END USE 0.8 MM MM

3, 0.8 MM COPPER CLASS SIG DRAND END USE 0.8 MM MM COPPER CLASS SIG DRAND END USE 0.8 MM MM AND COPPER CLASS EXISTE AND END USE 0.8 MM MM

Key Features and Benefits



Part Number System



LCMD

150 — 12

— X

LCMA

150 — 12

H — X

Type

LCMD = Two-Hole Standard Barrel Lug, Class 2r

LCMA = One-Hole Standard Barrel Lug, Class 2r

SCMS = Splice, Class 2r

LCMDX = Two-Hole Standard Barrel Lug, Class 5f and 6f

LCMAX = One-Hole Standard Barrel Lug, Class 5f and 6f

SCMSX = Splice, Class 5f and 6f

LCMA-H = One-Hole Standard Barrel 45° Bent Lug, Class 2r, 5f and 6f

LCMA-F = One-Hole Standard Barrel 90° Bent Lug, Class 2r, 5f and 6f

LCMB = One-Hole Long Barrel Lug, Class 2r, 5f and 6f

LCMC = Two-Hole Long Barrel Lug, Class 2r, 5f and 6f

*Class 2r wire size for LCMA-H, LCMA-F, LCMB and LCMC lugs

Conductor Size
150 = 150mm²*

Stud Hole Size
12 = M12

Two Stud
Hole Spacing
No Letter = 44.5mm
CD = 22.0 – 25.0mm
00 = Blank Tongue

Palm Angle
H = 45°
F = 90°
No Letter = Straight

Std. Pkg. Qty.
1 = 1 E = 20
3 = 3 Q = 25
5 = 5 L = 50
6 = 6 C = 100
X = 10

Rigid Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug

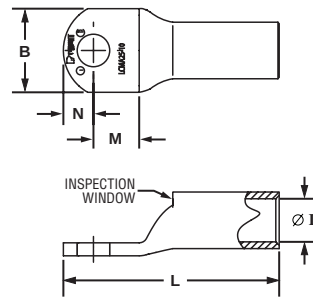


Figure 1.
One-Hole

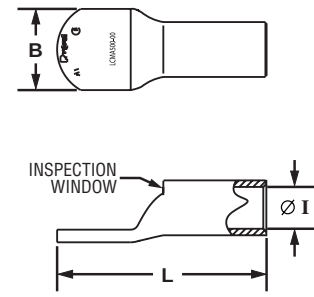


Figure 2.
Blank Tongue



To 35 KV**
Rated to 90°C

and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 4mm² – 240mm² Class 2r

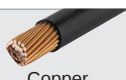
Part Number	Figure No.	Copper Conductor Size Class 2r (mm ²)	Current Rating (Amps)	Stud Hole Size (mm)	Figure Dimensions (mm)					Panduit Die Index No.†	Std. Pkg. Qty.
					ØI	B	M	N	L		
LCMA6-5-C*		n		-						0	
LCMA6-6-C*		n		-						0	
LCMA6-8-C*		n		-						0	
LCMA10-5-C			—	-						0	
LCMA10-6-C			—	-						0	
LCMA10-8-C			—	-						0	
LCMA10-10-C			—	-						0	
LCMA16-5-C*				-						0	
LCMA16-6-C*				-						0	
LCMA16-8-C*				-						0	
LCMA16-10-C*				-						0	

3 E PAGE PHOTO INFORMATION

5, 2 ECOGNIZED

ON SCALE MANUFACTURE FOR THE ELECTRICAL INDUSTRY WITH APPROPRIATE BATTER

Rigid Stranded Metric Conductor, One-Hole, Standard with Window Lug (continued)

Part Number	Figure No.	 Copper Conductor Size Class 2r (mm²)	Current Rating (Amps)	Stud Hole Size (mm)	Figure Dimensions (mm)					 Panduit Die Index No. 1	 Std. Pkg. Qty.
					ØI	B	M	N	L		
LCMA25-6-C			—	-						0	
LCMA25-8-C			—	-						0	
LCMA25-10-C			—	-						0	
LCMA35-6-C			—	-						0	
LCMA35-8-C			—	-						0	
LCMA35-10-C			—	-						0	
LCMA35-12-C			—	-						0	
LCMA50-6-L			—	-						0	
LCMA50-8-L			—	-						0	
LCMA50-10-L			—	-						0	
LCMA50-12-L			—	-						0	
LCMA70-6-L			—	-						0	
LCMA70-8-L			—	-						0	
LCMA70-10-L			—	-						0	
LCMA70-12-L			—	-						0	
LCMA95-8-L			—	-						0	
LCMA95-10-L			—	-						0	
LCMA95-12-L			—	-						0	
LCMA95-16-L			—	-						0	
LCMA120-8-L			—	-						0	
LCMA120-10-L			—	-						0	
LCMA120-12-L			—	-						0	
LCMA120-16-L			—	-						0	
LCMA150-8-X			—	-						0	
LCMA150-10-X			—	-						0	
LCMA150-12-X			—	-						0	
LCMA150-16-X			—	-						0	
LCMA150-20-X			—	-						0	
LCMA185-10-X			—	-						0	
LCMA185-12-X			—	-						0	
LCMA185-16-X			—	-						0	
LCMA185-20-X			—	-						0	
LCMA240-10-X			—	-						0	
LCMA240-12-X			—	-						0	
LCMA240-16-X			—	-						0	
LCMA240-20-X			—	-						0	
LCMA300-10-5			—	-						0	
LCMA300-12-5			—	-						0	
LCMA300-16-5			—	-						0	
LCMA300-20-5			—	-						0	
LCMA400-12-5			—	-						0	
LCMA400-16-5			—	-						0	
LCMA400-20-5			—	-						0	
LCMA500-12-1			—	-						0	
LCMA500-16-1			—	-						0	
LCMA500-20-1			—	-						0	
LCMA500-00-1*			—	" L A N K			—	—		0	
LCMA630-16-1			—	-						0	
LCMA630-20-1			—	-						0	
LCMA630-00-1*			—	" L A N K			—	—		0	

3 E PAGE FOTODIEN INFORMATION

5, 2 E COGNIZED

ON SUBMANUFACTURE OF THE RESISTANCE TO THE APPLICATION OF THE 6

Rigid Stranded Metric Conductor, Two-Hole, Standard Barrel with Window Lug

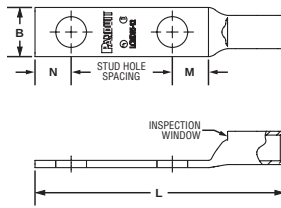


Figure 1.
Two-Hole

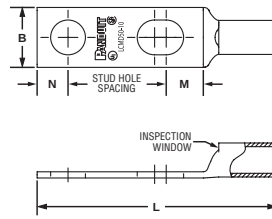


Figure 2.
Two-Hole Slotted

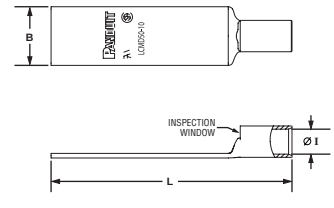


Figure 3.
Blank Tongue



CE and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 4mm² – 630mm² Class 2r

Part Number	Figure No.	Copper Conductor Size Class 2r (mm ²)	Current Rating (Amps)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)					Panduit Die Index No.†	Std. Pkg. Qty.
						ØI	B	M	N	L		
LCMD6-5CD-Q*		n	—	-	n						0	
LCMD10-6CD-Q			—	-	n						0	
LCMD10-8-Q			—	-							0	
LCMD10-00-Q*			—	" L A N K	—			—	—		0	
LCMD16-6CD-Q*				-	n						0	
LCMD16-8-Q*				-							0	
LCMD16-00-Q*				" L A N K	—			—	—		0	
LCMD25-8CD-Q			—	-	n						0	
LCMD25-8-Q			—	-							0	
LCMD25-10-Q			—	-							0	
LCMD25-12-Q			—	-							0	
LCMD25-00-Q*			—	" L A N K	—			—	—		0	
LCMD35-8CD-Q			—	-	n						0	
LCMD35-10-Q			—	-							0	
LCMD35-12-Q			—	-							0	
LCMD35-00-Q*			—	" L A N K	—			—	—		0	
LCMD50-10CD-X			—	-	n						0	
LCMD50-10-X			—	-							0	
LCMD50-12-X			—	-							0	
LCMD50-00-X*			—	" L A N K	—			—	—		0	
LCMD70-10CD-X			—	-	n						0	
LCMD70-10-X			—	-							0	
LCMD70-12-X			—	-							0	
LCMD70-00-X*			—	" L A N K	—			—	—		0	
LCMD95-10CD-X			—	-	n						0	
LCMD95-12-X			—	-							0	
LCMD95-14-X			—	-							0	
LCMD95-00-X*			—	" L A N K	—			—	—		0	
LCMD120-10CD-X			—	-	n						0	
LCMD120-12-X			—	-							0	
LCMD120-14-X			—	-							0	
LCMD120-00-X*			—	" L A N K	—			—	—		0	
LCMD150-10CD-X			—	-	n						0	
LCMD150-12-X			—	-							0	
LCMD150-14-X			—	-							0	
LCMD150-00-X*			—	" L A N K	—			—	—		0	
LCMD185-10CD-X			—	-	n						0	
LCMD185-12-X			—	-							0	
LCMD185-14-X			—	-							0	
LCMD185-00-X*			—	" L A N K	—			—	—		0	
LCMD240-10CD-5			—	-	n						0	
LCMD240-12-5			—	-							0	
LCMD240-14-5			—	-							0	

SEE PAGE 4 FOR ADDITIONAL INFORMATION



ON QUALITY MANUFACTURING PROCESSING AND TESTING

Rigid Stranded Metric Conductor, Two-Hole, Standard Barrel with Window Lug (continued)



To 35 KV**
Rated to 90°C

and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 4mm² – 630mm² Class 2r

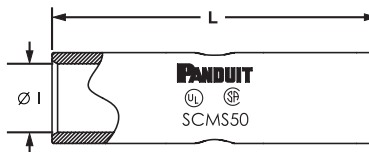
Part Number	Figure No.	Copper Conductor Size Class 2r (mm ²)	Current Rating (Amps)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)					Panduit Die Index No.†	Std. Pkg. Qty.
						ØI	B	M	N	L		
LCMD240-00-5*			—	" L A N K	—			—	—		0	
LCMD300-12-5			—	-							0	
LCMD300-14-5			—	-							0	
LCMD300-00-5*			—	" L A N K	—			—	—		0	
LCMD400-12-5			—	-							0	
LCMD400-14-5			—	-							0	
LCMD400-16-5			—	-							0	
LCMD400-00-5*			—	" L A N K	—			—	—		0	
LCMD500-12-1			—	-							0	
LCMD500-14-1			—	-							0	
LCMD500-16-1			—	-							0	
LCMD500-00-1*			—	" L A N K	—			—	—		0	
LCMD630-12-1			—	-							0	
LCMD630-14-1			—	-							0	
LCMD630-16-1			—	-							0	
LCMD630-00-1*			—	" L A N K	—			—	—		0	

3 E PAGE FOTODIEN INFORMATION

5, 2 E COGNIZED

ON S U A B I N U F A C T O R I E T A G E S I N E S T R U W T A P P S I C A G R D A T E A R N 6

Rigid Stranded Metric Conductor, Standard Barrel, Butt Splice



To 35 KV**
Rated to 90°C

and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 630mm² Class 2r

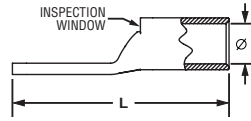
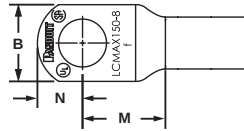
Part Number	Copper Conductor Size Class 2r (mm ²)	Current Rating (Amps)	Figure Dimensions (mm)		Panduit Die Index No.†	Std. Pkg. Qty.
			ØI	L		
SCMS10-C*					0	
SCMS16-C*					0	
SCMS25-L		—			0	
SCMS35-L		—			0	
SCMS50-L		—			0	
SCMS70-L		—			0	
SCMS95-Q		—			0	
SCMS120-Q		—			0	
SCMS150-X		—			0	
SCMS185-X		—			0	
SCMS240-X		—			0	
SCMS300-5		—			0	
SCMS400-5		—			0	
SCMS500-6		—			0	
SCMS630-6		—			0	

3 E PAGE FOTODIEN INFORMATION

5, 2 E COGNIZED

ON S U A B I N U F A C T O R I E T A G E S I N E S T R U W T A P P S I C A G R D A T E A R N 6

Flexible Stranded Metric Conductor, One-Hole, Standard Barre with Window Lug



To 35 KV**
Rated to 90°C



Part Number	Copper Conductor Size Class 5f (mm ²)	Copper Conductor Size Class 6f (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMAX6-5-C	n	—	-						
LCMAX6-6-C	n	—	-						
LCMAX6-8-C	n	—	-						
LCMAX10-5-C			-						
LCMAX10-6-C			-						
LCMAX10-8-C			-						
LCMAX10-10-C			-						
LCMAX16-5-C			-						
LCMAX16-6-C			-						
LCMAX16-8-C			-						
LCMAX16-10-C			-						
LCMAX25-6-C			-						
LCMAX25-8-C			-						
LCMAX25-10-C			-						
LCMAX35-6-C			-						
LCMAX35-8-C			-						
LCMAX35-10-C			-						
LCMAX35-12-C			-						
LCMAX50-6-L			-						
LCMAX50-8-L			-						
LCMAX50-10-L			-						
LCMAX50-12-L			-						
LCMAX70-6-L			-						
LCMAX70-8-L			-						
LCMAX70-10-L			-						
LCMAX70-12-L			-						
LCMAX95-8-L			-						
LCMAX95-10-L			-						
LCMAX95-12-L			-						
LCMAX95-16-L			-						
LCMAX120-8-L			-						
LCMAX120-10-L			-						
LCMAX120-12-L			-						
LCMAX120-16-L			-						
LCMAX150-8-X			-						
LCMAX150-10-X			-						
LCMAX150-12-X			-						
LCMAX150-16-X			-						
LCMAX150-20-X			-						
LCMAX185-10-X			-						
LCMAX185-12-X			-						
LCMAX185-16-X			-						
LCMAX185-20-X			-						
LCMAX240-10-X			-						
LCMAX240-12-X			-						
LCMAX240-16-X			-						
LCMAX240-20-X			-						
LCMAX300-10-5		—	-						
LCMAX300-12-5		—	-						
LCMAX300-16-5		—	-						
LCMAX300-20-5		—	-						

Flexible Stranded Metric Conductor, Two-Hole, Standard Barre with Window Lug

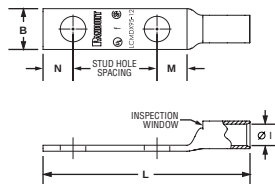


Figure 1.
Two-Hole

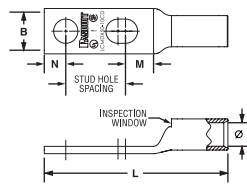


Figure 2.
Two-Hole Slotted

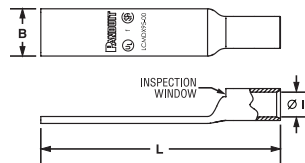


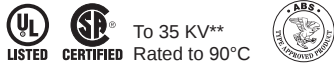
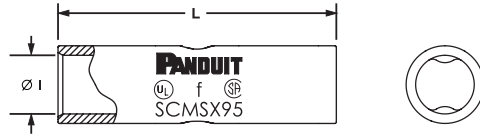
Figure 3.
Blank Tongue

UL LISTED To 35 KV**
CERTIFIED Rated to 90°C



Part Number	Figure No.	Copper Conductor Size Class 5f (mm ²)	Copper Conductor Size Class 6f (mm ²)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
						ØI	B	M	N	L	
LCMDX6-5CD-Q		n	—	-	n						
LCMDX10-8-Q				-							
LCMDX10-6CD-Q				-	n						
LCMDX10-00-Q				" L A N K	—			—	—		
LCMDX16-8-Q				-							
LCMDX16-6CD-Q				-	n						
LCMDX16-00-Q				" L A N K	—			—	—		
LCMDX25-8-Q				-							
LCMDX25-10-Q				-							
LCMDX25-12-Q				-							
LCMDX25-8CD-Q				-	n						
LCMDX25-00-Q				" L A N K	—			—	—		
LCMDX35-10-Q				-							
LCMDX35-12-Q				-							
LCMDX35-8CD-Q				-	n						
LCMDX35-00-Q				" L A N K	—			—	—		
LCMDX50-10-X				-							
LCMDX50-12-X				-							
LCMDX50-10CD-X				-	n						
LCMDX50-00-X				" L A N K	—			—	—		
LCMDX70-10-X				-							
LCMDX70-12-X				-							
LCMDX70-10CD-X				-	n						
LCMDX70-00-X				" L A N K	—			—	—		
LCMDX95-12-X				-							
LCMDX95-14-X				-							
LCMDX95-10CD-X				-	n						
LCMDX95-00-X				" L A N K	—			—	—		
LCMDX120-12-X				-							
LCMDX120-14-X				-							
LCMDX120-10CD-X				-	n						
LCMDX120-00-X				" L A N K	—			—	—		
LCMDX150-12-X				-							
LCMDX150-14-X				-							
LCMDX150-10CD-X				-	n						
LCMDX150-00-X				" L A N K	—			—	—		
LCMDX185-12-X				-							
LCMDX185-14-X				-							
LCMDX185-10CD-X				-	n						
LCMDX185-00-X				" L A N K	—			—	—		
LCMDX240-12-5				-							
LCMDX240-14-5				-							
LCMDX240-10CD-5				-	n						
LCMDX240-00-5				" L A N K	—			—	—		
LCMDX300-12-5			—	-							
LCMDX300-14-5			—	-							
LCMDX300-00-5			—	" L A N K	—			—	—		

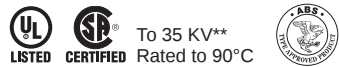
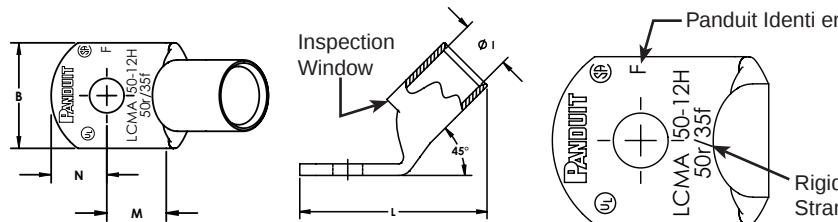
Flexible Stranded Metric Conductor, Standard Barrel, Butt Splice



Part Number	Copper Conductor Size Class 5f (mm ²)	Copper Conductor Size Class 6f (mm ²)	Figure Dimensions (mm)		Std. Pkg. Qty.
			ØI	L	
SCMSX10-C					
SCMSX16-C					
SCMSX25-L					
SCMSX35-L					
SCMSX50-L					
SCMSX70-L					
SCMSX95-Q					
SCMSX120-Q					
SCMSX150-X					
SCMSX185-X					
SCMSX240-X					
SCMSX300-5					

3 E PAGE FOTR O N D I E N F O R M A T I O N
O N S O U L M A N U F A C T U R I E T A G E S I N E S T R U C T U R A L A P P L I C A T I O N D A T A B A S E 6

Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle



CE and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 240mm² Class 2r

Part Number	Copper Conductor Size Class 2r (mm ²)	Copper Conductor Size Class 5f/6f ^A (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA10-5H-C		—	-						
LCMA10-6H-C		—	-						
LCMA10-8H-C		—	-						
LCMA10-10H-C		—	-						
LCMA16-5H-C			-						
LCMA16-6H-C			-						
LCMA16-8H-C			-						
LCMA16-10H-C			-						
LCMA25-6H-C			-						
LCMA25-8H-C			-						
LCMA25-10H-C			-						

3 E PAGE FOTR O N D I E N F O R M A T I O N
L A S P S O N D U C T O R
O N S O U L M A N U F A C T U R I E T A G E S I N E S T R U C T U R A L A P P L I C A T I O N D A T A B A S E 6
> . O # % C O M P L A N O T T E S T I D .) % # F O R E R M I N A T I O N S E R I A L S I D E R L A S S E N E X I S T E A N D U C T O R

Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)



To 35 KV**
Rated to 90°C



and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 240mm² Class 2r

Part Number	Copper Conductor Size Class 2r (mm ²)	Copper Conductor Size Class 5f/6f [^] (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA35-6H-C			-						
LCMA35-8H-C			-						
LCMA35-10H-C			-						
LCMA35-12H-C			-						
LCMA50-6H-L			-						
LCMA50-8H-L			-						
LCMA50-10H-L			-						
LCMA50-12H-L			-						
LCMA70-6H-L			-						
LCMA70-8H-L			-						
LCMA70-10H-L			-						
LCMA70-12H-L			-						
LCMA95-8H-L			-						
LCMA95-10H-L			-						
LCMA95-12H-L			-						
LCMA95-16H-L			-						
LCMA120-8H-L			-						
LCMA120-10H-L			-						
LCMA120-12H-L			-						
LCMA120-16H-L			-						
LCMA150-8H-X			-						
LCMA150-10H-X			-						
LCMA150-12H-X			-						
LCMA150-16H-X			-						
LCMA150-20H-X			-						
LCMA185-10H-X			-						
LCMA185-12H-X			-						
LCMA185-16H-X			-						
LCMA185-20H-X			-						
LCMA240-10H-X			-						
LCMA240-12H-X			-						
LCMA240-16H-X			-						
LCMA240-20H-X			-						
LCMA300-10H-5			-						
LCMA300-12H-5			-						
LCMA300-16H-5			-						
LCMA300-20H-5			-						
LCMAX300-10H-5^	n		-						
LCMAX300-12H-5^	n		-						
LCMAX300-16H-5^	n		-						
LCMAX300-20H-5^	n		-						

SEE PAGE 6 FOR ADDITIONAL INFORMATION

L A S E R O N D U C T I O N

O N Q U A L I T Y M A N U F A C T U R I N G P R O C E S S E S I N S T R U C T I O N S P L I C A T I O N S E A R N 6

> . O F % C O M P L A I N D T E S T E D .

) % #

F O R T E R M I N A T I O N S R L A S S O R L A S S E S I N E X I S T E N C E A N D C O N D U C T O R

Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle

UL LISTED To 35 KV**
CSA CERTIFIED Rated to 90°C

ABB
UL APPROVED EQUIPMENT

CE and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 240mm² Class 2r

Panduit Identifier

Rigid and Flexible Stranded Conductor Sizes Marked on Part

Part Number	 Copper Conductor Size Class 2r (mm ²)	 Copper Conductor Size Class 5f/6f ^h (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					 Std. Pkg. Qty.
				Ø1	B	M	N	L	
LCMA10-5F-C		n	-						
LCMA10-6F-C		n	-						
LCMA10-8F-C		n	-						
LCMA10-10F-C		n	-						
LCMA16-5F-C			-						
LCMA16-6F-C			-						
LCMA16-8F-C			-						
LCMA16-10F-C			-						
LCMA25-6F-C			-						
LCMA25-8F-C			-						
LCMA25-10F-C			-						
LCMA35-6F-C			-						
LCMA35-8F-C			-						
LCMA35-10F-C			-						
LCMA35-12F-C			-						
LCMA50-6F-L			-						
LCMA50-8F-L			-						
LCMA50-10F-L			-						
LCMA50-12F-L			-						
LCMA70-6F-L			-						
LCMA70-8F-L			-						
LCMA70-10F-L			-						
LCMA70-12F-L			-						
LCMA95-8F-L			-						
LCMA95-10F-L			-						
LCMA95-12F-L			-						
LCMA95-16F-L			-						
LCMA120-8F-L			-						
LCMA120-10F-L			-						
LCMA120-12F-L			-						
LCMA120-16F-L			-						
LCMA150-8F-X			-						
LCMA150-10F-X			-						
LCMA150-12F-X			-						
LCMA150-16F-X			-						
LCMA150-20F-X			-						
LCMA185-10F-X			-						
LCMA185-12F-X			-						
LCMA185-16F-X			-						
LCMA185-20F-X			-						
LCMA240-10F-X			-						
LCMA240-12F-X			-						
LCMA240-16F-X			-						
LCMA240-20F-X			-						

3 E P A G E O F P R O D U C T I N F O R M A T I O N
L A S E R O N D U C T I O N
O N S Q U A R E M A N U F A C T U R E R S I N S T R U C T I O N S I C A G R A T E A R N 6
> . O F % C O M P L A N D T E S T E D .) % # F O R T E R M I N A T I O N S R L A S E R L A S E R E X I S T E A N C E D U C T O R

Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)



To 35 KV**
Rated to 90°C



and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 240mm² Class 2r

Part Number	Copper Conductor Size Class 2r (mm ²)	Copper Conductor Size Class 5f/6f ^A (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA300-10F-5			-						
LCMA300-12F-5			-						
LCMA300-16F-5			-						
LCMA300-20F-5			-						
LCMAX300-10F-5 ^A	n		-						
LCMAX300-12F-5 ^A	n		-						
LCMAX300-16F-5 ^A	n		-						
LCMAX300-20F-5 ^A	n		-						

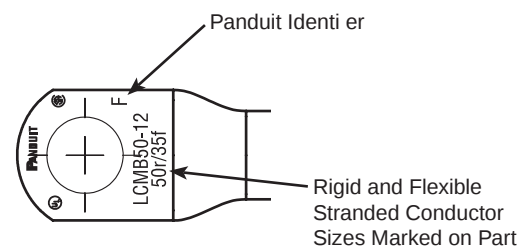
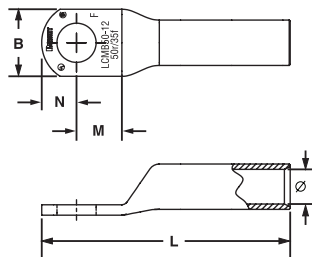
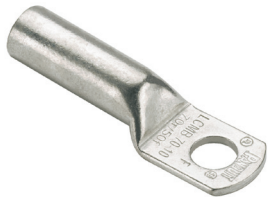
SEE PAGE 6 FOR ADDITIONAL INFORMATION

L A S E R O N D U C T I O N

O N S O U L M A N U F A C T U R E S I N E S T R U T T A P P S I C A G R I D A T E A R N 6

> . O A % C O M P L A N D T E S T E D .) % # F O T E R M I N A M I T H S R L A S E R L A S I N E X I S T E A N C O N D U C T O R

Rigid and Flexible Stranded Metric Conductor, One-Hole, Long Barrel Lug, No Window



To 35 KV**
Rated to 90°C



and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 240mm² Class 2r

Part Number	Copper Conductor Size Class 2r (mm ²)	Copper Conductor Size Class 5f/6f ^A (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMB10-5-L		—	-						
LCMB10-6-L		—	-						
LCMB10-8-L		—	-						
LCMB10-10-L		—	-						
LCMB16-5-L			-						
LCMB16-6-L			-						
LCMB16-8-L			-						
LCMB16-10-L			-						
LCMB25-6-L			-						
LCMB25-8-L			-						
LCMB25-10-L			-						
LCMB35-6-Q			-						
LCMB35-8-Q			-						
LCMB35-10-Q			-						
LCMB35-12-Q			-						
LCMB50-6-E			-						
LCMB50-8-E			-						
LCMB50-10-E			-						
LCMB50-12-E			-						
LCMB70-8-X			-						
LCMB70-10-X			-						
LCMB70-12-X			-						

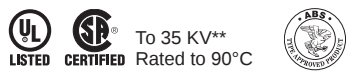
SEE PAGE 6 FOR ADDITIONAL INFORMATION

L A S E R O N D U C T I O N

O N S O U L M A N U F A C T U R E S I N E S T R U T T A P P S I C A G R I D A T E A R N 6

> . O A % C O M P L A N D T E S T E D .) % # F O T E R M I N A M I T H S R L A S E R L A S I N E X I S T E A N C O N D U C T O R

Rigid and Flexible Stranded Metric Conductor, One-Hole, Long Barrel Lug, No Window (continued)



To 35 KV**
Rated to 90°C

CE and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 240mm² Class 2r

Part Number	 Copper Conductor Size Class 2r (mm ²)	 Copper Conductor Size Class 5f/6f [^] (mm ²)	Stud Hole Size (mm)	Figure Dimensions (mm)					 Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMB95-8-X			-						
LCMB95-10-X			-						
LCMB95-12-X			-						
LCMB95-16-X			-						
LCMB120-8-X			-						
LCMB120-10-X			-						
LCMB120-12-X			-						
LCMB120-16-X			-						
LCMB150-8-X			-						
LCMB150-10-X			-						
LCMB150-12-X			-						
LCMB150-16-X			-						
LCMB150-20-X			-						
LCMB185-10-X			-						
LCMB185-12-X			-						
LCMB185-16-X			-						
LCMB185-20-X			-						
LCMB240-10-6			-						
LCMB240-12-6			-						
LCMB240-16-6			-						
LCMB240-20-6			-						
LCMB300-10-6			-						
LCMB300-12-6			-						
LCMB300-16-6			-						
LCMB300-20-6			-						
LCMBX300-10-6 [^]	—		-						
LCMBX300-12-6 [^]	—		-						
LCMBX300-16-6 [^]	—		-						
LCMBX300-20-6 [^]	—		-						
LCMB400-12-6		—	-						
LCMB400-16-6		—	-						
LCMB400-20-6		—	-						
LCMB500-12-3		—	-						
LCMB500-16-3		—	-						
LCMB500-20-3		—	-						
LCMB630-16-3		—	-						
LCMB630-20-3		—	-						

3 E PAGE FOTODIENFORMATION

L A S E O N D U C T O R

O N S Q U A R E I N U F A C T O R I E T A G E R E S I N E S T R U C T U R E P S I C A G R I D A T E A R N 6

> . O F % C O M P L A N D T O T E S T E D .

) % #

F O T E R M I N A V I T O S R L A S E O R L A S E N E X I S T E R A N C E D U C T O R

Rigid and Flexible Stranded Metric Conductor, Two-Hole, Long Barrel Lug, No Window



To 35 KV**
Rated to 90°C



and EN 61238-1:2003/IEC 61238-1:2003 Class B, sizes 10mm² – 630mm² Class 2r

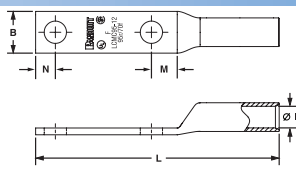


Figure 1.
Two-Hole

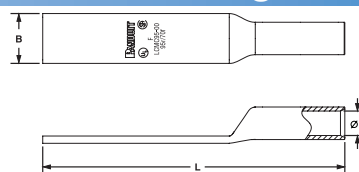
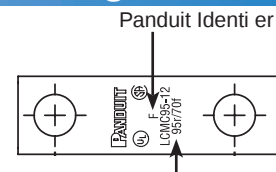


Figure 2.
Blank Tongue



Panduit Identifier
Rigid and Flexible
Stranded Conductor
Sizes Marked on Part

Part Number	Figure No.	Copper Conductor Size Class 2r (mm ²)	Copper Conductor Size Class 5/6 [^] (mm ²)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
						ØI	B	M	N	L	
LCMC10-00-L			—	" L A N K	—			—	—		
LCMC10-8-L			—	-							
LCMC16-00-L				" L A N K	—			—	—		
LCMC16-8-L				-							
LCMC25-00-L				" L A N K	—			—	—		
LCMC25-8-L				-							
LCMC25-10-L				-							
LCMC25-12-L				-							
LCMC35-00-Q				" L A N K	—			—	—		
LCMC35-10-Q				-							
LCMC35-12-Q				-							
LCMC50-00-E				" L A N K	—			—	—		
LCMC50-10-E				-							
LCMC50-12-E				-							
LCMC70-00-X				" L A N K	—			—	—		
LCMC70-10-X				-							
LCMC70-12-X				-							
LCMC95-00-X				" L A N K	—			—	—		
LCMC95-12-X				-							
LCMC95-14-X				-							
LCMC120-00-X				" L A N K	—			—	—		
LCMC120-12-X				-							
LCMC120-14-X				-							
LCMC150-00-X				" L A N K	—			—	—		
LCMC150-12-X				-							
LCMC150-14-X				-							
LCMC185-00-X				" L A N K	—			—	—		
LCMC185-12-X				-							
LCMC185-14-X				-							
LCMC240-00-6				" L A N K	—			—	—		
LCMC240-12-6				-							
LCMC240-14-6				-							
LCMC300-00-6				" L A N K	—			—	—		
LCMC300-12-6				-							
LCMC300-14-6				-							
LCMCX300-00-6 [^]		—		" L A N K	—			—	—		
LCMCX300-12-6 [^]		—		-							
LCMCX300-14-6 [^]		—		-							
LCMC400-00-6			—	" L A N K	—			—	—		
LCMC400-12-6			—	-							
LCMC400-14-6			—	-							
LCMC400-16-6			—	-							
LCMC500-00-3			—	" L A N K	—			—	—		
LCMC500-12-3			—	-							
LCMC500-14-3			—	-							
LCMC500-16-3			—	-							
LCMC630-00-3			—	" L A N K	—			—	—		
LCMC630-12-3			—	-							
LCMC630-14-3			—	-							
LCMC630-16-3			—	-							

SEE PAGE 10 FOR ADDITIONAL INFORMATION

L A S E R C O N D U C T O R

O N S U B I N A N U F A C T O R I E T A G E S I N E S T R U C T U R A P P L I C A T I O N 6

> . O # % C O M P L A I N D O T E S T I D .

) % #

F O R E R M I N A T I O N S E R I A S I D R L A S I N E X I S T E A N C O N D U C T O R

Agency Approved Terminations with Copper Class 2r Rigid Stranded Metric Conductors

0 AND TERMINATIONS OF RIGID STRANDED METRIC CONDUCTORS BASED ON RELIABILITY
BY MEETING THE STANDARDS

s 5, ! " 7 IR EONNECATIONS OF DE RIGID

s # 3# . O 7 IR EONNECTORS

s % .) % # # LASS MMn MM

Steps to Achieve



Example: Circumferential Crimp Die System

1. Components



Panduit
Connector

+



Copper Class 2r
Rigid Stranded
Metric Conductor

+



Panduit
Dies

+



Panduit
Tool

2. Crimped Connection



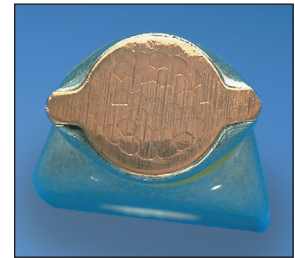
Applying Crimp



Crimped Lug Top View



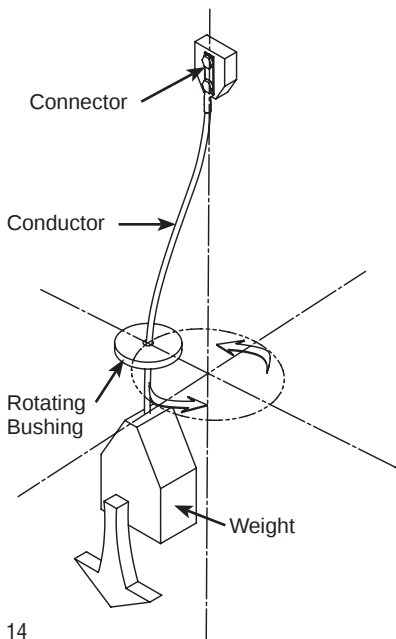
Die Index Numbers



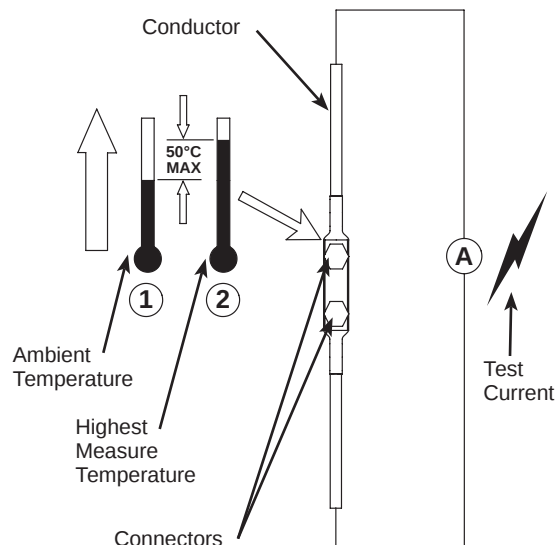
Crimped Lug Cross Section

3. Static Heating Sequence

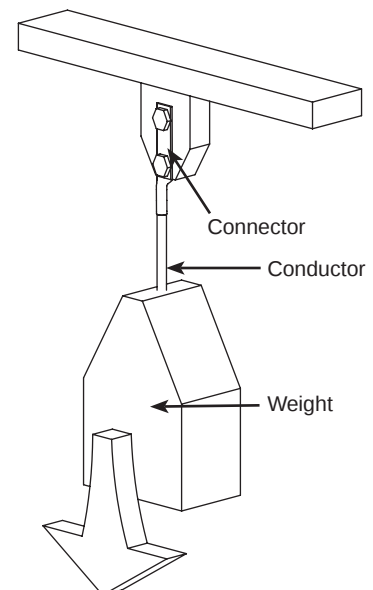
Wire Secureness Test
LONG TERM RELIABILITY
APPLICATIONS IN EQUIPMENT



Static Heating Test
SAFE CONNECTION
AT RATED CURRENT



Wire Pullout Test
SECURE CONNECTION
UNDER STATED LOADS



Agency Approved Terminations with Copper Class 5f and 6f Flexible Stranded Metric Conductors

0 AND TERMINATIONS FOR FLEXIBLE CONDUCTORS BASED ON THE FOLLOWING STANDARDS

s 5, ! " 7 IR EONNECTIONS OF LUGS
s #3# .O 7 IR EONNECTORS

Steps to Achieve



Example: Nest/Indenter Die System

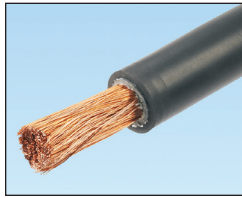
2 E F E R A G E F O R A M P L E R C U M F E R E N S I A L S Y S T E M

1. Components



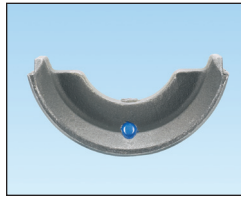
Panduit
Connector

+



Copper Class 5f or 6f
Flexible
Metric Conductor

+



Panduit
Bottom Nest Die

+



Panduit
Top Indenter Die

+



Panduit Tool

2. Crimped Connection



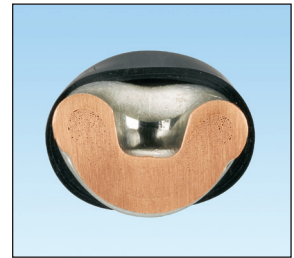
Applying Crimp



Crimped Lug Bottom View



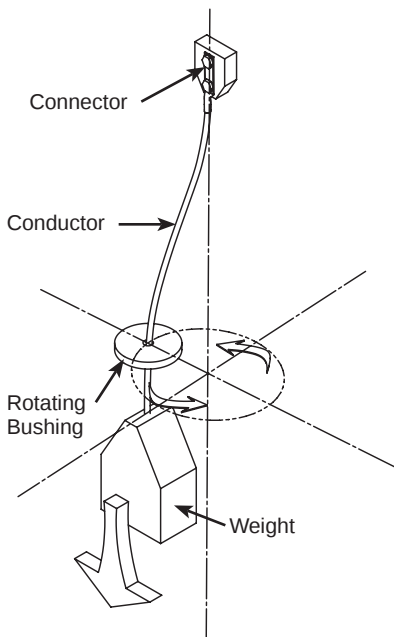
Crimped Lug Top View



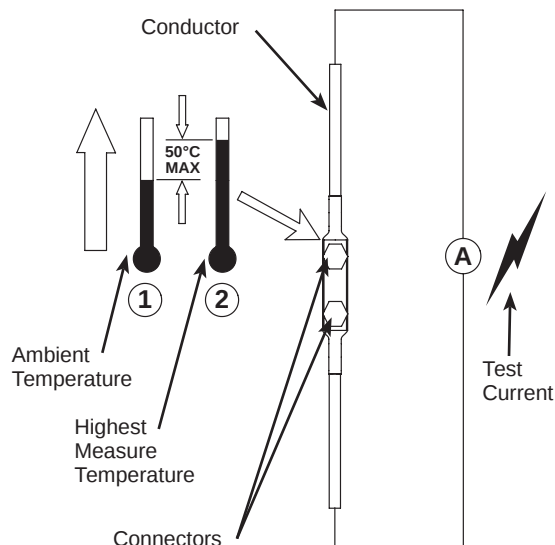
Crimped Lug Cross Section

3. Static Heating Sequence

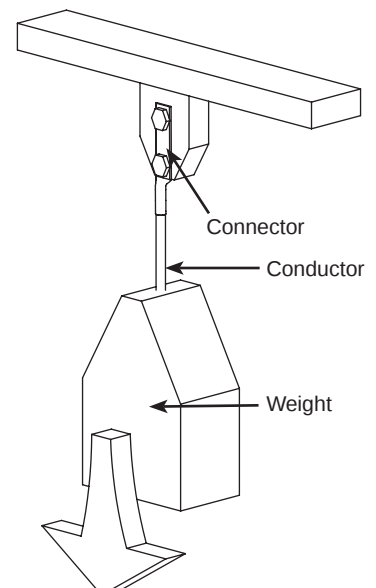
Wire Secureness Test
LONG TERM RELIABILITY
APPLICATIONS IN EQUIPMENT



Static Heating Test
SAFE CONNECTION
AT RATED CURRENT



Wire Pullout Test
SECURE CONNECTION
UNDER STATED LOADS



Tool and Die Selection Chart for Standard Barrel Straight Metric Lugs and Splices with Copper Class 2r Conductor

Panduit Part Number	Copper Conductor Size Class 2r^ (mm²)	Wire Strip Length (mm)	Current Rating	Die Part Number Color Code and Index Number (Number of Crimps)					
				CT-100	CT-200, CT-1570	CT-600	CT-1701	CT-2001, CT-2002, CT-3001, CT-3001/E±	CT-2931, CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE±, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*±
LCMA6 LCMD6			!			# 4	# (0	—	—
LCMA10 LCMD10 SCMS10			— — !	—	—	—	—	# \$ 2 E D	# \$ 2 E D
LCMA16 LCMD16 SCMS16			!	—	—	—	—	# \$ " L U E	# \$ " L U E
LCMA25 LCMD25 SCMS25			—	—	—	—	—	# \$ ' R A Ø	# \$ ' R A Ø
LCMA35 LCMD35 SCMS35			—	—	—	—	—	# \$ ' R A Ø	# \$ ' R A Ø
LCMA50 LCMD50 SCMS50			—	—	—	—	—	# \$ ' R E E N	# \$ ' R E E N
LCMA70 LCMD70 SCMS70			—	—	—	—	—	# \$ " L A Ø K	# \$ " L A Ø K
LCMA95 LCMD95 SCMS95			—	—	—	—	—	# \$ 0 U R Ø L E	# \$ 0 U R Ø L E
LCMA120 LCMD120 SCMS120			—	—	—	—	—	# \$ 9 E L L Ø W	# \$ 9 E L L Ø W
LCMA150 LCMD150 SCMS150			—	—	—	—	—	# \$ 7 H I T Ø E	# \$ 7 H I T Ø E
LCMA185 LCMD185 SCMS185			—	—	—	—	—	# \$ " L U E	# \$ " L U E
LCMA240 LCMD240 SCMS240			—	—	—	—	—	# \$ " R Ø W N	# \$ " R Ø W N
LCMA300 LCMD300 SCMS300			—	—	—	—	—	—	# \$ ' R E E N
LCMA400 LCMD400 SCMS400			—	—	—	—	—	—	# \$ " L A Ø K
LCMA500 LCMD500 SCMS500			—	—	—	—	—	—	# \$ 7 H I T Ø E
LCMA630 LCMD630 SCMS630			—	—	—	—	—	—	# \$ 7 H I T Ø E

\$ DIE CABLE USE WITH THE 4 # (AND 4 TOOLS LISTED) \$ ADAPTER
 # \$ DIE CABLE USE EXCLUSIVELY # (AND 4 TOOLS
 > # LA SIG 30 TRANSDUCER COPPER CONDUCTOR 6 \$) % # AND \$
 p % P P R O C E D U R E

\$ ADAPTER
 AND \$

How to read this chart
 & O, R - ! L U A N D
 # 4 , C R I M P I N G



CST114-157 Ergonomic Wire Stripper
 s O R O V C E S P A R A L L L I N S U L A T I O N I N G
 W I T H K N I V E S U N D E R I E S
 s & W R E S M M T O M M D I A M E T E R

\$ I D A R U M B E R
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 CD-940-1000
 White P125
 (4)
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Tool and Die Selection Chart for Standard Barrel Straight Metric Lugs and Splices with Copper Class 5f and 6f Conductors

											
				Pocket Number (Number of Crimps)				Die Part Number Color Code and Index Number (Number of Crimps)	Bottom Nest Die ^{††} Part Number Color Code, Index Number	Top Indenter Die Part Number Index Number	Crimps Per Connector Nest/ Indenter Dies
LCMAX6 LCMDX6		# L A S I S				# 4	0	—	—	—	—
LCMAX10 LCMDX10 SCMSX10		# L A S I S # L A S I S		—	—	—	—	# \$ 2 E D	# \$. % 3 4 # \$) ' R A Ø		
LCMAX16 LCMDX16		# L A S I S # L A S I S		—	—	—	—	# \$ 2 E D	# \$. % 3 4 # \$) ' R A Ø		
SCMSX16								# \$ 2 E D			
LCMAX25 LCMDX25 SCMSX25		# L A S I S # L A S I S		—	—	—	—	# \$ ' R A Ø	# \$. % 3 4 # \$) O I N Ø		
LCMAX35 LCMDX35 SCMSX35		# L A S I S # L A S I S		—	—	—	—	# \$ " R O W N	# \$. % 3 4 # \$) / R A N G E		
LCMAX50 LCMDX50 SCMSX50		# L A S I S # L A S I S		—	—	—	—	# \$ ' R E E N	# \$. % 3 4 # \$) / R A N G E		
LCMAX70 LCMDX70 SCMSX70		# L A S I S # L A S I S		—	—	—	—	# \$ " L A Ø K	# \$. % 3 4 # \$) 9 E L L Ø W		
LCMAX95 LCMDX95		# L A S I S # L A S I S		—	—	—	—	# \$ / R A N G E	# \$. % 3 4 # \$) " L U Ø		
SCMSX95								# \$ / R A N G E			
LCMAX120 LCMDX120 SCMSX120		# L A S I S # L A S I S		—	—	—	—	—	# \$. % 3 4 # \$) " L U Ø		
LCMAX150 LCMDX150 SCMSX150		# L A S I S # L A S I S		—	—	—	—	—	# \$. % 3 4 # \$) " L U Ø		
LCMAX185 LCMDX185 SCMSX185		# L A S I S # L A S I S		—	—	—	—	—	# \$. % 3 4 # \$) " R O W N		
LCMAX240 LCMDX240 SCMSX240		# L A S I S # L A S I S		—	—	—	—	—	# \$. % 3 4 # \$) " L A Ø K		
LCMAX300 LCMDX300 SCMSX300		# L A S I S		—	—	—	—	—	# \$ - 8 . 3 4 # \$) 0		

\$ A N D \$) D I E C A N B E U S E D I N # 4 # (A N D 4 T O O L S # \$ \$ A D A P T E R
 > # L A S I S A N D F L E X B E T W E E N A N D B E T W E E N A N D C O P P E R C O N D U C T O R S \$ %) #
 p # % P R O C E S S I N G T O O L
 p p . E S T I M A T E U S E D I N C O N J U N C T I O N S O C I I D E N T E R

45

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# $ AND$) DIECSA NEWS DIT#4 # (AND4 TOONLIS# $ $ DIED ADAPTER
># LA SIG BT RAN-DEF D# C P P E O R N D U G N I R A S F A N D F L E X B E T R A N-DEF D# C P P E O R N D U G E T D) R6 $ % ) % # A N D $
p % P P P R O C E D M O L
p p . E S T I M U S T U S B I C O N J U N C T I S H O C H I E D E N T I E R
```

Tool and Die Selection Chart for Long Barrel Straight Metric Lugs with Copper Class 2r, 5f and 6f Conductor

					
				CT-2001 CT-2002 CT-3001, CT-3001/E†	CT-2931 CT-930 CT-930CH CT-2930 CT-2930/L, CT-2930/LE†, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*†
Panduit Part Number	Wire Strip Length (mm)	Copper Conductor Size (mm²) and Class^	Crimp Tools and Dies for Rigid Stranded Conductor		
			Die Part Number Color Code and Index Number (Number of Crimps)		
LCMB10 LCMC10		# L A S S	# \$ 2 E D	# \$ 2 E D	
LCMB16 LCMC16		# L A S S	# \$ 2 E D	# \$ 2 E D	
LCMB25 LCMC25		# L A S S	# \$ ' R A Ø	# \$ ' R A Ø	
LCMB35 LCMC35		# L A S S	# \$ ' R A Ø	# \$ ' R A Ø	
LCMB50 LCMC50		# L A S S	# \$ ' R E E N	# \$ ' R E E N	
LCMB70 LCMC70		# L A S S	# \$ " L A Ø K	# \$ " L A Ø K	
LCMB95 LCMC95		# L A S S	# \$ O U R Ø L E	# \$ O U R Ø L E	
LCMB120 LCMC120		# L A S S	# \$ 9 E L L Ø W	# \$ 9 E L L Ø W	
LCMB150 LCMC150		# L A S S	# \$ 7 H I T Ø E	# \$ 7 H I T Ø E	
LCMB185 LCMC185		# L A S S	# \$ " L U Ø	# \$ " L U Ø	
LCMB240 LCMC240		# L A S S	# \$ " R O W N	# \$ " R O W N	
LCMB300 LCMC300		# L A S S	—	# \$ ' R E E N	
LCMBX300 LCMCX300		—	—	—	
LCMB400 LCMC400		# L A S S	—	# \$ # \$ " L A Ø K	
LCMB500 LCMC500		# L A S S	—	# \$ 7 H I T Ø E	
LCMB630 LCMC630		# L A S S	—	# \$ 7 H I T Ø E	

			
	CT-2001 CT-2002 CT-3001, CT-3001/E†	CT-2931 CT-930 CT-930CH CT-2930, CT-2930/L, CT-2930/LE†, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*†	CT-2931 CT-930 CT-930CH CT-2930, CT-2930/L, CT-2930/LE†, CT-940CH*, CT-2940*, CT-2940/L*, CT-2940/LE*†
Copper Conductor Size (mm²) and Class^	Crimp Tools and Dies for Flexible Stranded Conductor		
	Die Part Number Color Code and Index Number (Number of Crimps)	Bottom Nest Die†† Part Number Color Code, Index Number	Top Indenter Die Part Number Index Number
—	—	—	—
M M E # L A S S # L A S S	# \$ 2 E D	# \$ 2 E D	—
M M E # L A S S # L A S S	# \$ 2 E D	# \$ 2 E D	—
M M E # L A S S # L A S S	# \$ ' R A Ø	# \$ ' R A Ø	—
M M E # L A S S # L A S S	# \$ " R O W N	# \$ " R O W N	—
M M E # L A S S # L A S S	# \$ ' R E E N	# \$ ' R E E N	—
M M E # L A S S # L A S S	# \$ " L A Ø K	# \$ " L A Ø K	# \$. % 3 4 # \$) 9 E L L Ø W
M M E # L A S S # L A S S	# \$ / R A N G E	# \$ / R A N G E	# \$. % 3 4 # \$) " L U Ø
M M E # L A S S # L A S S	—	—	# \$. % 3 4 # \$) " L U Ø
M M E # L A S S # L A S S	—	—	# \$. % 3 4 # \$) " L U Ø
M M E # L A S S # L A S S	—	—	# \$. % 3 4 # \$) " R O W N
M M E # L A S S # L A S S	—	—	# \$. % 3 4 # \$) " L A Ø K
M M E # L A S S	—	—	# \$ 0 - 8 . 3 4 # \$)
—	—	—	—
—	—	—	—
K C M I L # L A S S	—	# \$! 2 E D # \$ 7 H I T Ø E	—

\$ A N Ø \$) D I E S A B U S E W I T H # (A N Ø 4 T O O L S # \$ D I E A D A P T E R
 # \$ D I E S A B U S E E X C L U S I V E L Y # (A N Ø 4 T O O L S
 > # L A S S R I G I D S T R A N D E D C O P P E R C O N D U C T O R S A N D F L E X I B L E S T R A N D E D C O P P E R C O N D U C T O R S
 p p % P P R O V I D E D T O O L
 p p . E S T I M U S E S B O N J U N C T I O N S C H I E D I N D E N T E R

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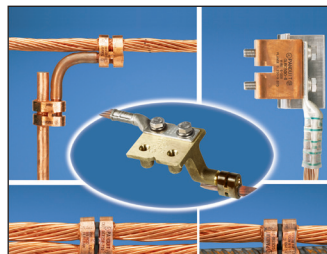
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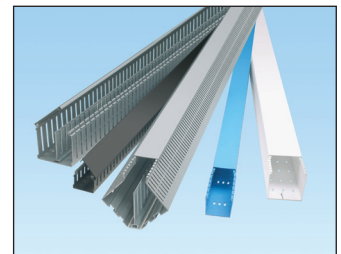
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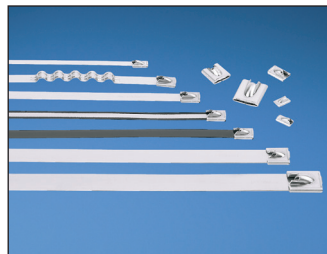
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