

QLINE D, TYPE 4X



INDUSTRY STANDARDS

Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 6, 12, 13; File No. E61997
cUL Listed per CSA C22.2 No 94; Type 4, 4X, 6, 12, 13; File No. E61997

Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 6, 12, 13
CSA File No. 42186: Type 4, 4X, 6, 12, 13
IEC 60529, IP67

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 6, 12, 13
IEC 60529, IP67

APPLICATION

QLINE D polycarbonate and ABS enclosures have contoured bodies with flush cover screws for an attractive, contemporary appearance. Tough as well as stylish, they are functional in corrosive environments and can withstand occasional submersion. The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

SPECIFICATIONS

- Body is impact-resistant polycarbonate for PCD series and ABS for ABD series
- Opaque and clear covers are impact-resistant polycarbonate for PCD series and ABS for ABD series
- Polycarbonate material is easily punched, drilled, filed or sawed
- Straight side walls permit ganging of multiple enclosures
- Cross-point captivated cover screws are stainless steel
- Mounting holes molded directly adjacent to cover screws
- Cover screws protected by removable caps that are aesthetic and provide tamper resistance
- Molded internal pads for mounting optional panels, rails and other components
- Panel mounting feature on both body and cover
- Seamless foam-in-place gasket assures watertight and dust-tight seal
- Screws provided for mounting optional panel
- Material is halogen free

FINISH

Polycarbonate and ABS enclosures are light-gray (RAL 7035) inside and out. Optional panels are plated steel.

ACCESSORIES

See also Accessories.

Hardware Kit
Hinge Kit
HOL-SEALERS Non-Metallic Hole Seals
Mounting Bracket Kit

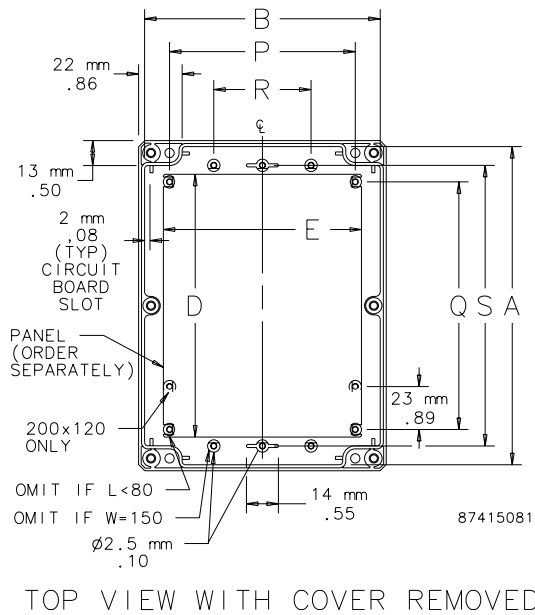
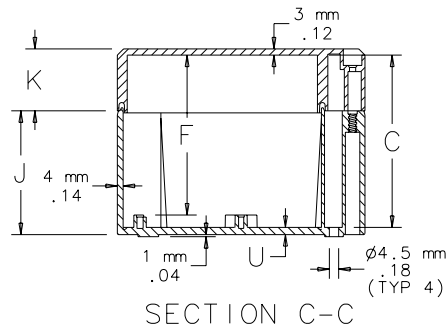
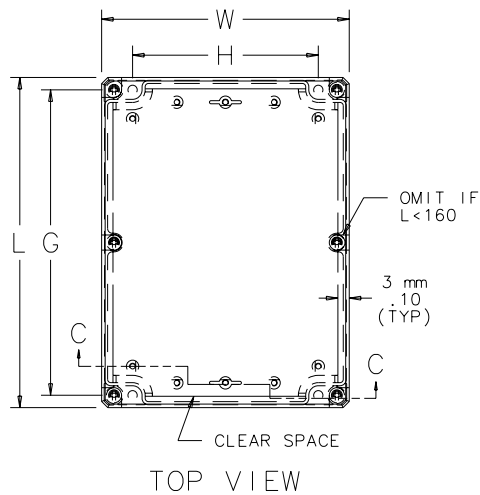
MODIFICATION AND CUSTOMIZATION

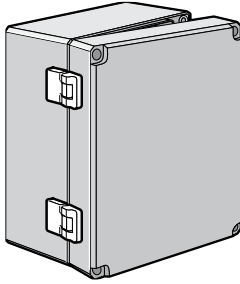
Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

BULLETIN: Q41

Standard Product **ABS**

Catalog Number	AxBxC mm/in.	Cover Style	External Dimensions L x W mm/in.	Panel	Panel Size D x E mm/in.	Mtg. G x H mm/in.	F mm/in.	J mm/in.	K mm/in.	P mm/in.	Q mm/in.	R mm/in.	S mm/in.	U mm/in.
Q554ABD	53 x 55 x 36 2.09 x 2.17 x 1.42	Opaque	55 x 53 2.17 x 2.09	—	—	43 x 41 1.69 x 1.61	28 1.10	25 .98	10 .39	16 .63	—	—	—	2 .08
Q554ABDCC	53 x 55 x 36 2.09 x 2.17 x 1.42	Clear	55 x 53 2.17 x 2.09	—	—	43 x 41 1.69 x 1.61	28 1.10	25 .98	10 .39	16 .63	—	—	—	2 .08
Q886ABD	80 x 82 x 56 3.15 x 3.23 x 2.20	Opaque	82 x 80 3.23 x 3.15	Q88PD	68 x 55 2.68 x 2.17	70 x 50 2.76 x 2.17	42 1.65	40 1.57	15 .59	58 2.28	44 1.73	—	58 2.28	3 .12
Q886ABDCC	80 x 82 x 56 3.15 x 3.23 x 2.20	Clear	82 x 80 3.23 x 3.15	Q88PD	68 x 55 2.68 x 2.17	70 x 50 2.76 x 2.17	42 1.65	40 1.57	15 .59	58 2.28	44 1.73	—	58 2.28	3 .12
Q1286ABD	80 x 120 x 56 3.15 x 4.72 x 2.20	Opaque	120 x 80 4.72 x 3.15	Q128PD	91 x 65 3.58 x 2.56	108 x 50 4.25 x 1.97	42 1.65	40 1.57	15 .59	58 2.28	82 3.23	—	96 3.78	3 .12
Q1286ABDCC	80 x 120 x 56 3.15 x 4.72 x 2.20	Clear	120 x 80 4.72 x 3.15	Q128PD	91 x 65 3.58 x 2.56	108 x 50 4.25 x 1.97	42 1.65	40 1.57	15 .59	58 2.28	82 3.23	—	96 3.78	3 .12
Q1686ABD	80 x 160 x 56 3.15 x 6.30 x 2.20	Opaque	160 x 80 6.30 x 3.15	Q168PD	131 x 65 5.16 x 2.56	148 x 50 5.83 x 1.97	42 1.65	40 1.57	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
Q1686ABDCC	80 x 160 x 56 3.15 x 6.30 x 2.20	Clear	160 x 80 6.30 x 3.15	Q168PD	131 x 65 5.16 x 2.56	148 x 50 5.83 x 1.97	42 1.65	40 1.57	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
Q12126ABD	120 x 122 x 56 4.72 x 4.80 x 2.20	Opaque	122 x 120 4.80 x 4.72	Q1212PD	105 x 93 4.13 x 3.66	110 x 90 4.33 x 3.54	42 1.65	40 1.57	15 .59	98 3.86	84 3.31	—	98 3.86	3 .12
Q12126ABDCC	120 x 122 x 56 4.72 x 4.80 x 2.20	Clear	122 x 120 4.80 x 4.72	Q1212PD	105 x 93 4.13 x 3.66	110 x 90 4.33 x 3.54	42 1.65	40 1.57	15 .59	98 3.86	84 3.31	—	98 3.86	3 .12
Q20158ABD	150 x 200 x 76 5.91 x 7.87 x 2.99	Opaque	200 x 150 7.87 x 5.91	Q2015PD	170 x 128 6.69 x 5.04	188 x 120 7.40 x 4.72	62 2.44	60 2.36	15 .59	118 4.65	160 6.30	118 4.65	176 6.93	3 .12
Q20158ABDCC	150 x 200 x 76 5.91 x 7.87 x 2.99	Clear	200 x 150 7.87 x 5.91	Q2015PD	170 x 128 6.69 x 5.04	188 x 120 7.40 x 4.72	62 2.44	60 2.36	15 .59	118 4.65	160 6.30	118 4.65	176 6.93	3 .12
Q889ABD	80 x 82 x 86 3.15 x 3.23 x 3.39	Opaque	82 x 80 3.23 x 3.15	Q88PD	68 x 55 2.68 x 2.17	70 x 50 2.76 x 1.97	72 2.83	70 2.76	15 .59	58 2.28	44 1.73	37 1.46	58 2.28	3 .12
Q889ABDCC	80 x 82 x 86 3.15 x 3.23 x 3.39	Clear	82 x 80 3.23 x 3.15	Q88PD	68 x 55 2.68 x 2.17	70 x 50 2.76 x 1.97	72 2.83	70 2.76	15 .59	58 2.28	44 1.73	37 1.46	58 2.28	3 .12
Q1289ABD	80 x 120 x 86 3.15 x 4.72 x 3.39	Opaque	120 x 80 4.72 x 3.15	Q128PD	91 x 65 3.58 x 2.56	108 x 50 4.25 x 1.97	72 2.83	70 2.76	15 .59	58 2.28	82 3.23	—	58 2.28	3 .12
Q1289ABDCC	80 x 120 x 86 3.15 x 4.72 x 3.39	Clear	120 x 80 4.72 x 3.15	Q128PD	91 x 65 3.58 x 2.56	108 x 50 4.25 x 1.97	72 2.83	70 2.76	15 .59	58 2.28	82 3.23	—	58 2.28	3 .12
Q1689ABD	80 x 160 x 86 3.15 x 6.30 x 3.39	Opaque	160 x 80 6.30 x 3.15	Q168PD	131 x 65 5.16 x 2.56	148 x 50 5.83 x 1.97	72 2.83	70 2.76	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
Q1689ABDCC	80 x 160 x 86 3.15 x 6.30 x 3.39	Clear	160 x 80 6.30 x 3.15	Q168PD	131 x 65 5.16 x 2.56	148 x 50 5.83 x 1.97	72 2.83	70 2.76	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
Q12129ABD	120 x 122 x 86 4.72 x 4.80 x 3.39	Opaque	122 x 120 4.80 x 4.72	Q1212PD	105 x 93 4.13 x 3.66	110 x 90 4.33 x 3.54	72 2.83	70 2.76	15 .59	98 3.86	84 3.31	97 3.82	98 3.86	3 .12
Q12129ABDCC	120 x 122 x 86 4.72 x 4.80 x 3.39	Clear	122 x 120 4.80 x 4.72	Q1212PD	105 x 93 4.13 x 3.66	110 x 90 4.33 x 3.54	72 2.83	70 2.76	15 .59	98 3.86	84 3.31	97 3.82	98 3.86	3 .12
Q20129ABD	120 x 200 x 86 4.72 x 7.87 x 3.39	Opaque	200 x 120 7.87 x 4.72	Q2012PD	170 x 100 6.69 x 3.94	188 x 90 7.40 x 3.54	72 2.83	70 2.76	15 .59	90 3.54	160 6.30	40 1.67	176 6.93	3 .12
Q20129ABDCC	120 x 200 x 86 4.72 x 7.87 x 3.39	Clear	200 x 120 7.87 x 4.72	Q2012PD	170 x 100 6.69 x 3.94	188 x 90 7.40 x 3.54	72 2.83	70 2.76	15 .59	90 3.54	160 6.30	40 1.67	176 6.93	3 .12
Q30239ABD	230 x 300 x 86 9.06 x 11.81 x 3.39	Opaque	300 x 230 11.81 x 9.05	Q3023PD	265 x 210 10.43 x 8.27	288 x 200 11.34 x 7.87	73 2.87	55 2.17	30 1.18	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
Q30239ABDCC	230 x 300 x 86 9.06 x 11.81 x 3.39	Clear	300 x 230 11.81 x 9.05	Q3023PD	265 x 210 10.43 x 8.27	288 x 200 11.34 x 7.87	73 2.87	55 2.17	30 1.18	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
Q16129ABD	120 x 160 x 91 4.72 x 6.30 x 3.58	Opaque	160 x 120 6.30 x 4.72	Q1612PD	130 x 100 5.12 x 3.94	148 x 90 5.83 x 3.54	78 3.07	60 2.36	30 1.18	90 3.54	120 4.72	—	136 5.35	3 .12
Q16129ABDCC	120 x 160 x 91 4.72 x 6.30 x 3.58	Clear	160 x 120 6.30 x 4.72	Q1612PD	130 x 100 5.12 x 3.94	148 x 90 5.83 x 3.54	78 3.07	60 2.36	30 1.18	90 3.54	120 4.72	—	136 5.35	3 .12
Q24169ABD	160 x 240 x 91 6.30 x 9.45 x 3.58	Opaque	240 x 160 9.45 x 6.30	Q2416PD	211 x 148 8.31 x 5.83	228 x 130 8.98 x 5.12	78 3.07	75 2.95	15 .59	138 5.43	202 7.95	75 2.95	215 8.46	4 .16
Q24169ABDCC	160 x 240 x 91 6.30 x 9.45 x 3.58	Clear	240 x 160 9.45 x 6.30	Q2416PD	211 x 148 8.31 x 5.83	228 x 130 8.98 x 5.12	78 3.07	75 2.95	15 .59	138 5.43	202 7.95	75 2.95	215 8.46	4 .16
Q302311ABD	230 x 300 x 111 9.06 x 11.81 x 4.37	Opaque	300 x 230 11.81 x 9.06	Q3023PD	265 x 210 10.43 x 8.27	288 x 200 11.34 x 7.87	98 3.86	55 2.17	55 2.17	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
Q302311ABDCC	230 x 300 x 111 9.06 x 11.81 x 4.37	Clear	300 x 230 11.81 x 9.06	Q3023PD	265 x 210 10.43 x 8.27	288 x 200 11.34 x 7.87	98 3.86	55 2.17	55 2.17	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
Q241612ABD	160 x 240 x 121 6.30 x 9.45 x 4.76	Opaque	240 x 160 9.45 x 6.30	Q2416PD	211 x 148 8.31 x 5.83	228 x 130 8.98 x 5.12	108 4.25	75 2.95	45 1.77	75 2.95	202 7.95	75 2.95	215 8.46	4 .16
Q241612ABDCC	160 x 240 x 121 6.30 x 9.45 x 4.76	Clear	240 x 160 9.45 x 6.30	Q2416PD	211 x 148 8.31 x 5.83	228 x 130 8.98 x 5.12	108 4.25	75 2.95	45 1.77	75 2.95	202 7.95	75 2.95	215 8.46	4 .16



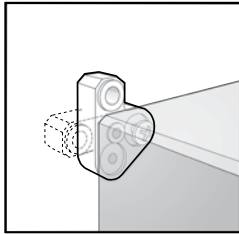


Hinge Kit includes two polyamide hinges, eight M4 self-tapping, plated screws, eight flat washers and drilling templates. Use on all QLINE D enclosures. *Hinge Kit meets Type 4 requirements.*

BULLETIN: Q41Y

Catalog Number
QDEHK

MOUNTING BRACKET KIT

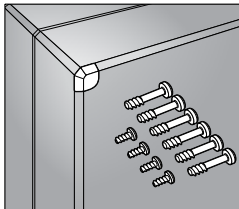


Mounting Bracket Kit has four polycarbonate brackets and four M4 self-tapping, plated screws. Kit is field-installable. Use on all QLINE D enclosures. Maintains listed ratings for enclosure.

BULLETIN: Q41Y

Catalog Number
QDMFK

HARDWARE KIT

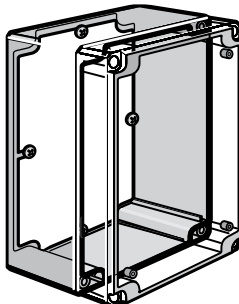


Hardware Kit includes six self-tapping, stainless steel cover screws, four self-tapping plated panel screws and six removable plastic caps that fit over the screws to provide tamper resistance as well as a clean aesthetic appearance. These kits are offered to replace lost or damaged hardware originally furnished with the enclosure.

BULLETIN: Q41Y

Catalog Number	Fits Cover Height K mm
QDHK	10, 15, and 30
Q302311HDWKIT	45 and 55

PANELS



BULLETIN: Q41Y

Catalog Number	Panel Size D x E mm/in.	Mounting G x H mm/in.
Q88PD	65 x 55 2.56 x 2.17	44 x 60 1.71 x 2.28
Q128PD	93 x 65 3.66 x 2.56	82 x 60 3.21 x 2.28
Q168PD	133 x 65 5.24 x 2.56	121 x 60 4.78 x 2.28
Q1212PD	105 x 95 4.13 x 3.74	98 x 84 3.86 x 3.29
Q1612PD	132 x 105 5.20 x 4.13	160 x 90 6.30 x 3.54
Q2012PD	172 x 105 6.77 x 4.13	160 x 90 6.30 x 3.54
Q2015PD	172 x 133 6.77 x 5.24	160 x 118 6.30 x 4.65
Q2416PD	213 x 145 8.38 x 5.71	201 x 138 7.93 x 5.43
Q3023PD	285 x 210 11.22 x 8.27	255 x 198 10.04 x 7.50

Notes