

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 **Polycarbonate**

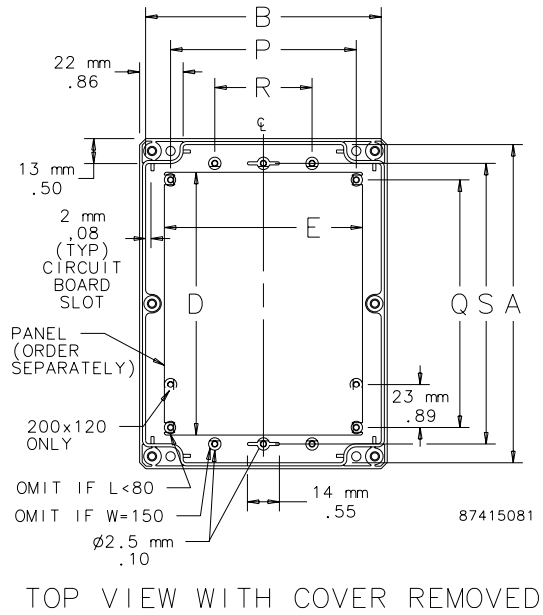
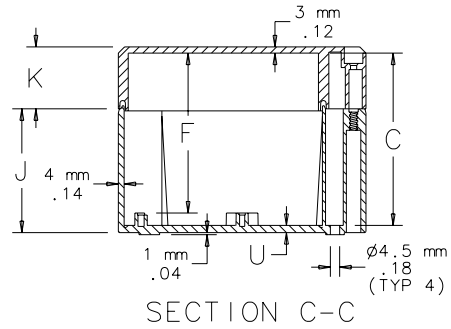
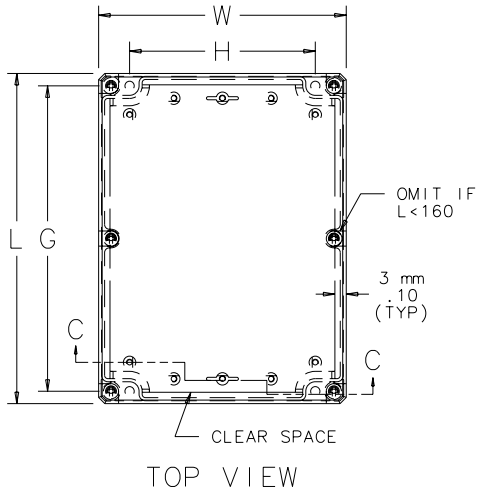
Catalog Number	AxBxC mm/in.	Cover Style	External Dimensions L x W mm/in.	Panel	Panel Size D x E mm/in.	Mounting G x H mm/in.	F mm/in.	J mm/in.	K mm/in.	P mm/in.	Q mm/in.	R mm/in.	S mm/in.	U mm/in.
Q554PCD	53 x 55 x 36	Opaque	55 x 53	—	—	43 x 41	28	25	10	16	—	—	—	2
	2.09 x 2.17 x 1.42		2.17 x 2.09	—	—	1.69 x 1.61	1.10	0.98	0.39	0.63	—	—	—	0.08
Q554PCDCC	53 x 55 x 36	Clear	55 x 53	—	—	43 x 41	28	25	10	16	—	—	—	2
	2.09 x 2.17 x 1.42		2.17 x 2.09	—	—	1.69 x 1.61	1.10	0.98	0.39	0.63	—	—	—	0.08
Q886PCD	76 x 74 x 49	Opaque	82 x 80	Q88PD	68 x 55	70 x 50	42	40	15	58	44	—	58	3
	2.97 x 2.89 x 1.93		3.23 x 3.15	2.68 x 2.17	2.76 x 1.97	1.65	1.57	0.59	2.28	1.73	—	—	2.28	0.12
Q886PCDCC	76 x 74 x 49	Clear	82 x 80	Q88PD	68 x 55	70 x 50	42	40	15	58	44	—	58	3
	2.97 x 2.89 x 1.93		3.23 x 3.15	2.68 x 2.17	2.76 x 1.97	1.65	1.57	0.59	2.28	1.73	—	—	2.28	0.12
Q1286PCD	114 x 74 x 49	Opaque	120 x 80	Q128PD	91 x 65	108 x 50	42	40	15	58	82	—	96	3
	4.47 x 2.89 x 1.93		4.72 x 3.15	3.58 x 2.56	4.25 x 1.97	1.65	1.57	0.59	2.28	3.23	—	—	3.78	0.12
Q1286PCDCC	114 x 74 x 49	Clear	120 x 80	Q128PD	91 x 65	108 x 50	42	40	15	58	82	—	96	3
	4.47 x 2.89 x 1.93		4.72 x 3.15	3.58 x 2.56	4.25 x 1.97	1.65	1.57	0.59	2.28	3.23	—	—	3.78	0.12
Q1686PCD	154 x 74 x 49	Opaque	160 x 80	Q168PD	131 x 65	148 x 50	42	40	15	58	122	—	136	3
	6.04 x 2.89 x 1.93		6.30 x 3.15	5.16 x 2.56	5.83 x 1.97	1.65	1.57	0.59	2.28	4.80	—	—	5.35	0.12
Q1686PCDCC	154 x 74 x 49	Clear	160 x 80	Q168PD	131 x 65	148 x 50	42	40	15	58	122	—	136	3
	6.04 x 2.89 x 1.93		6.30 x 3.15	5.16 x 2.56	5.83 x 1.97	1.65	1.57	0.59	2.28	4.80	—	—	5.35	0.12
Q12126PCD	120 x 122 x 56	Opaque	122 x 120	Q1212PD	105 x 93	110 x 90	42	40	15	98	84	—	98	3
	4.72 x 4.80 x 2.20		4.80 x 4.72	4.13 x 3.66	4.33 x 3.54	1.65	1.57	0.59	3.86	3.31	—	—	3.86	0.12
Q12126PCDCC	120 x 122 x 56	Clear	122 x 120	Q1212PD	105 x 93	110 x 90	42	40	15	98	84	—	98	3
	4.72 x 4.80 x 2.20		4.80 x 4.72	4.13 x 3.66	4.33 x 3.54	1.65	1.57	0.59	3.86	3.31	—	—	3.86	0.12
Q20158PCD	150 x 200 x 76	Opaque	200 x 150	Q2015PD	170 x 128	188 x 120	62	60	15	118	160	118	176	3
	5.91 x 7.87 x 2.99		7.87 x 5.91	6.69 x 5.04	7.40 x 4.72	2.44	2.36	0.59	4.65	6.30	4.65	6.93	0.12	
Q20158PCDCC	150 x 200 x 76	Clear	200 x 150	Q2015PD	170 x 128	188 x 120	62	60	15	118	160	118	176	3
	5.91 x 7.87 x 2.99		7.87 x 5.91	6.69 x 5.04	7.40 x 4.72	2.44	2.36	0.59	4.65	6.30	4.65	6.93	0.12	
Q889PCD	80 x 82 x 86	Opaque	82 x 80	Q88PD	68 x 55	70 x 50	72	70	15	58	44	37	58	3
	3.15 x 3.23 x 3.39		3.23 x 3.15	2.68 x 2.17	2.76 x 1.97	2.83	2.76	0.59	2.28	1.73	1.46	2.28	0.12	
Q889PCDCC	80 x 82 x 86	Clear	82 x 80	Q88PD	68 x 55	70 x 50	72	70	15	58	44	37	58	3
	3.15 x 3.23 x 3.39		3.23 x 3.15	2.68 x 2.17	2.76 x 1.97	2.83	2.76	0.59	2.28	1.73	1.46	2.28	0.12	
Q1289PCD	113 x 73 x 79	Opaque	120 x 80	Q128PD	91 x 65	108 x 50	72	70	15	58	82	—	96	3
	4.45 x 2.87 x 3.11		4.72 x 3.15	3.58 x 2.56	4.25 x 1.97	2.83	2.76	0.59	2.28	3.23	—	—	3.78	0.12
Q1289PCDCC	113 x 73 x 79	Clear	120 x 80	Q128PD	91 x 65	108 x 50	72	70	15	58	82	—	96	3
	4.45 x 2.87 x 3.11		4.72 x 3.15	3.58 x 2.56	4.25 x 1.97	2.83	2.76	0.59	2.28	3.23	—	—	3.78	0.12
Q1689PCD	113 x 73 x 79	Opaque	160 x 80	Q168PD	131 x 65	148 x 50	72	70	15	58	122	—	136	3
	4.45 x 2.87 x 3.11		6.30 x 3.15	5.16 x 2.56	5.83 x 1.97	2.83	2.76	0.59	2.28	4.80	—	—	5.35	0.12
Q1689PCDCC	113 x 73 x 79	Clear	160 x 80	Q168PD	131 x 65	148 x 50	72	70	15	58	122	—	136	3
	4.45 x 2.87 x 3.11		6.30 x 3.15	5.16 x 2.56	5.83 x 1.97	2.83	2.76	0.59	2.28	4.80	—	—	5.35	0.12
Q12129PCD	120 x 122 x 86	Opaque	122 x 120	Q1212PD	105 x 93	110 x 90	72	70	15	98	84	97	98	3
	4.72 x 4.80 x 3.39		4.80 x 4.72	4.13 x 3.66	4.33 x 3.54	2.83	2.76	0.59	3.86	3.31	3.82	3.86	0.12	
Q12129PCDCC	120 x 122 x 86	Clear	122 x 120	Q1212PD	105 x 93	110 x 90	72	70	15	98	84	97	98	3
	4.72 x 4.80 x 3.39		4.80 x 4.72	4.13 x 3.66	4.33 x 3.54	2.83	2.76	0.59	3.86	3.31	3.82	3.86	0.12	
Q20129PCD	193 x 113 x 79	Opaque	200 x 120	Q2012PD	170 x 100	188 x 90	72	70	15	90	160	40	176	3
	7.60 x 4.45 x 3.11		7.87 x 4.72	6.69 x 3.94	7.40 x 3.54	2.83	2.76	0.59	3.54	6.30	1.57	6.93	0.12	
Q20129PCDCC	193 x 113 x 79	Clear	200 x 120	Q2012PD	170 x 100	188 x 90	72	70	15	90	160	40	176	3
	7.60 x 4.45 x 3.11		7.87 x 4.72	6.69 x 3.94	7.40 x 3.54	2.83	2.76	0.59	3.54	6.30	1.57	6.93	0.12	
Q30239PCD	293 x 223 x 79	Opaque	300 x 230	Q3023PD	265 x 210	288 x 200	73	55	30	198	255	160	275	4
	11.54 x 8.78 x 3.11		11.81 x 9.05	10.43 x 8.27	11.34 x 7.87	2.87	2.17	1.18	7.80	10.04	6.30	10.83	0.16	
Q30239PCDCC	230 x 300 x 86	Clear	300 x 230	Q3023PD	265 x 210	288 x 200	73	55	30	198	255	160	275	4
	9.06 x 11.81 x 3.39		11.81 x 9.05	10.43 x 8.27	11.34 x 7.87	2.87	2.17	1.18	7.80	10.04	6.30	10.83	0.16	
Q16129PCD	153 x 113 x 84	Opaque	160 x 120	Q1612PD	130 x 100	148 x 90	78	60	30	90	120	—	136	3
	6.02 x 4.45 x 3.29		6.30 x 4.72	5.12 x 3.94	5.83 x 3.54	3.07	2.36	1.18	3.54	4.72	—	—	5.35	0.12
Q16129PCDCC	153 x 113 x 84	Clear	160 x 120	Q1612PD	130 x 100	148 x 90	78	60	30	90	120	—	136	3
	6.02 x 4.45 x 3.29		6.30 x 4.72	5.12 x 3.94	5.83 x 3.54	3.07	2.36	1.18	3.54	4.72	—	—	5.35	0.12
Q24169PCD	233 x 153 x 84	Opaque	240 x 160	Q2416PD	211 x 148	228 x 130	78	75	15	138	202	75	215	4
	9.17 x 6.02 x 3.29		9.45 x 6.30	8.31 x 5.83	8.98 x 5.12	3.07	2.95	0.59	5.43	7.95	2.95	8.46	0.16	
Q24169PCDCC	233 x 153 x 84	Clear	240 x 160	Q2416PD	211 x 148	228 x 130	78	75	15	138	202	75	215	4
	9.17 x 6.02 x 3.29		9.45 x 6.30	8.31 x 5.83	8.98 x 5.12	3.07	2.95	0.59	5.43	7.95	2.95	8.46	0.16	
Q302311PCD	230 x 300 x 111	Opaque	300 x 230	Q3023PD	265 x 210	288 x 200	98	55	55	198	255	160	275	4
	9.06 x 11.81 x 4.37		11.81 x 9.06	10.43 x 8.27	11.34 x 7.87	3.86	2.17	2.17	7.80	10.04	6.30	10.83	0.16	
Q302311PCDCC	230 x 300 x 111	Clear	300 x 230	Q3023PD	265 x 210	288 x 200	98	55	55	198	255	160	275	4
	9.06 x 11.81 x 4.37		11.81 x 9.06	10.43 x 8.27	11.34 x 7.87	3.86	2.17	2.17	7.80	10.04	6.30	10.83	0.16	
Q241612PCD	160 x 240 x 121	Opaque	240 x 160	Q2416PD	211 x 148	228 x 130	108	75	45	75	202	75	215	4
	6.30 x 9.45 x 4.76		9.45 x 6.30	8.31 x 5.83	8.98 x 5.12	4.25	2.95	1.77	2.95	7.95	2.95	8.46	0.16	
Q241612PCDCC	160 x 240 x 121	Clear	240 x 160	Q2416PD	211 x 148	228 x 130	108	75	45	75	202	75	215	4
	6.30 x 9.45 x 4.76		9.45 x 6.30	8.31 x 5.83	8.98 x 5.12	4.25	2.95	1.77	2.95	7.95	2.95	8.46	0.16	

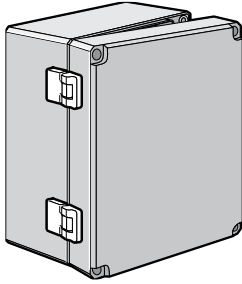
A x B x C are internal dimensions.

Purchase panels separately.

Standard Product **ABS**

External Dimensions	Panel Size	Mtg. G x H	F	J	K	P	Q	R	S	U
L x W mm/in.	D x E mm/in.	G x H mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.	mm/in.
53 x 55 x 36 2.09 x 2.17 x 1.42	—	43 x 41 1.69 x 1.61	28 1.10	25 .98	10 .39	16 .63	—	—	—	2 .08
53 x 55 x 36 2.09 x 2.17 x 1.42	—	43 x 41 1.69 x 1.61	28 1.10	25 .98	10 .39	16 .63	—	—	—	2 .08
80 x 82 x 56 3.15 x 3.23 x 2.20	Q88PD	68 x 55 2.68 x 2.17	42 1.65	40 1.57	15 .59	58 2.28	44 1.73	—	58 2.28	3 .12
80 x 82 x 56 3.15 x 3.23 x 2.20	Q88PD	68 x 55 2.68 x 2.17	42 1.65	40 1.57	15 .59	58 2.28	44 1.73	—	58 2.28	3 .12
80 x 120 x 56 3.15 x 4.72 x 2.20	Q128PD	91 x 65 3.58 x 2.56	42 1.65	40 1.57	15 .59	58 2.28	82 3.23	—	96 3.78	3 .12
80 x 120 x 56 3.15 x 4.72 x 2.20	Q128PD	91 x 65 3.58 x 2.56	42 1.65	40 1.57	15 .59	58 2.28	82 3.23	—	96 3.78	3 .12
80 x 160 x 56 3.15 x 6.30 x 2.20	Q168PD	131 x 65 5.16 x 2.56	42 1.65	40 1.57	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
80 x 160 x 56 3.15 x 6.30 x 2.20	Q168PD	131 x 65 5.16 x 2.56	42 1.65	40 1.57	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
120 x 122 x 56 4.72 x 4.80 x 2.20	Q1212PD	105 x 93 4.13 x 3.66	42 1.65	40 1.57	15 .59	98 3.86	84 3.31	—	98 3.86	3 .12
120 x 122 x 56 4.72 x 4.80 x 2.20	Q1212PD	105 x 93 4.13 x 3.66	42 1.65	40 1.57	15 .59	98 3.86	84 3.31	—	98 3.86	3 .12
150 x 200 x 76 5.91 x 7.87 x 2.99	Q2015PD	170 x 128 6.69 x 5.04	62 2.44	60 2.36	15 .59	118 4.65	160 6.30	118 4.65	176 6.93	3 .12
150 x 200 x 76 5.91 x 7.87 x 2.99	Q2015PD	170 x 128 6.69 x 5.04	62 2.44	60 2.36	15 .59	118 4.65	160 6.30	118 4.65	176 6.93	3 .12
80 x 82 x 86 3.15 x 3.23 x 3.39	Q88PD	68 x 55 2.68 x 2.17	72 2.83	70 2.76	15 .59	58 2.28	44 1.73	37 1.46	58 2.28	3 .12
80 x 82 x 86 3.15 x 3.23 x 3.39	Q88PD	68 x 55 2.68 x 2.17	72 2.83	70 2.76	15 .59	58 2.28	44 1.73	37 1.46	58 2.28	3 .12
80 x 120 x 86 3.15 x 4.72 x 3.39	Q128PD	91 x 65 3.58 x 2.56	72 2.83	70 2.76	15 .59	58 2.28	82 3.23	—	58 2.28	3 .12
80 x 120 x 86 3.15 x 4.72 x 3.39	Q128PD	91 x 65 3.58 x 2.56	72 2.83	70 2.76	15 .59	58 2.28	82 3.23	—	58 2.28	3 .12
80 x 160 x 86 3.15 x 6.30 x 3.39	Q168PD	131 x 65 5.16 x 2.56	72 2.83	70 2.76	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
80 x 160 x 86 3.15 x 6.30 x 3.39	Q168PD	131 x 65 5.16 x 2.56	72 2.83	70 2.76	15 .59	58 2.28	122 4.80	—	136 5.35	3 .12
120 x 122 x 86 4.72 x 4.80 x 3.39	Q1212PD	105 x 93 4.13 x 3.66	72 2.83	70 2.76	15 .59	98 3.86	84 3.31	97 3.82	98 3.86	3 .12
120 x 122 x 86 4.72 x 4.80 x 3.39	Q1212PD	105 x 93 4.13 x 3.66	72 2.83	70 2.76	15 .59	98 3.86	84 3.31	97 3.82	98 3.86	3 .12
120 x 200 x 86 4.72 x 7.87 x 3.39	Q2012PD	170 x 100 6.69 x 3.94	72 2.83	70 2.76	15 .59	90 3.54	160 6.30	40 1.67	176 6.93	3 .12
120 x 200 x 86 4.72 x 7.87 x 3.39	Q2012PD	170 x 100 6.69 x 3.94	72 2.83	70 2.76	15 .59	90 3.54	160 6.30	40 1.67	176 6.93	3 .12
230 x 300 x 86 9.06 x 11.81 x 3.39	Q3023PD	265 x 210 10.43 x 8.27	73 2.87	55 2.17	30 1.18	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
230 x 300 x 86 9.06 x 11.81 x 3.39	Q3023PD	265 x 210 10.43 x 8.27	73 2.87	55 2.17	30 1.18	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
120 x 160 x 91 4.72 x 6.30 x 3.58	Q1612PD	130 x 100 5.12 x 3.94	78 3.07	60 2.36	30 1.18	90 3.54	120 4.72	—	136 5.35	3 .12
120 x 160 x 91 4.72 x 6.30 x 3.58	Q1612PD	130 x 100 5.12 x 3.94	78 3.07	60 2.36	30 1.18	90 3.54	120 4.72	—	136 5.35	3 .12
160 x 240 x 91 6.30 x 9.45 x 3.58	Q2416PD	211 x 148 8.31 x 5.83	78 3.07	75 2.95	15 .59	138 5.43	202 7.95	75 2.95	215 8.46	4 .16
160 x 240 x 91 6.30 x 9.45 x 3.58	Q2416PD	211 x 148 8.31 x 5.83	78 3.07	75 2.95	15 .59	138 5.43	202 7.95	75 2.95	215 8.46	4 .16
230 x 153 x 84 9.17 x 6.02 x 3.31	Q2416PD	211 x 148 8.31 x 5.83	78 3.07	75 2.95	15 .59	138 5.43	202 7.95	75 2.95	215 8.46	4 .16
230 x 300 x 111 9.06 x 11.81 x 4.37	Q3023PD	265 x 210 10.43 x 8.27	98 3.86	55 2.17	55 2.17	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
230 x 300 x 111 9.06 x 11.81 x 4.37	Q3023PD	265 x 210 10.43 x 8.27	98 3.86	55 2.17	55 2.17	198 7.80	255 10.04	160 6.30	275 10.83	4 .16
160 x 240 x 121 6.30 x 9.45 x 4.76	Q2416PD	211 x 148 8.31 x 5.83	108 4.25	75 2.95	45 1.77	202 7.95	75 2.95	215 8.46	215 8.46	4 .16
160 x 240 x 121 6.30 x 9.45 x 4.76	Q2416PD	211 x 148 8.31 x 5.83	108 4.25	75 2.95	45 1.77	202 7.95	75 2.95	215 8.46	215 8.46	4 .16



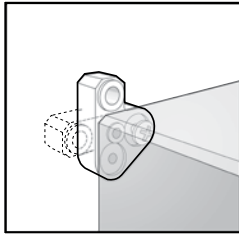


Hinge Kit includes two polyamide hinges, eight M4 self-tapping, plated screws, eight flat washers and drilling templates. Use on all QLINE D enclosures. *Hinge Kit meets Type 4 requirements.*

BULLETIN: Q41Y

Catalog Number
QDEHK

MOUNTING BRACKET KIT

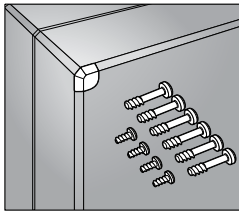


Mounting Bracket Kit has four polycarbonate brackets and four M4 self-tapping, plated screws. Kit is field-installable. Use on all QLINE D enclosures. Maintains listed ratings for enclosure.

BULLETIN: Q41Y

Catalog Number
QDMFK

HARDWARE KIT

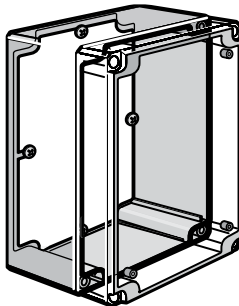


Hardware Kit includes six self-tapping, stainless steel cover screws, four self-tapping plated panel screws and six removable plastic caps that fit over the screws to provide tamper resistance as well as a clean aesthetic appearance. These kits are offered to replace lost or damaged hardware originally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