

Switch Disconnectors

Series QM1SD

Quality & Service creates value



Functions

- Making and breaking under load condition
- Providing safety isolation for terminal distribution system
- Standard: IEC60947-3

Instruction of type code

M1SD A 3 400

Rated current(A)

10, 16, 20, 25, 32, 40, 50, 63 (Frame A)
 16, 20, 25, 32, 40, 50, 63, 80, 100 (Frame B)
 100, 125, 160, 180, 200, 225 (Frame C)
 225, 250, 315, 350, 400 (Frame D)
 400, 500, 630 (Frame E)
 630, 700, 800 (Frame F)

Poles(P): 3: 3P; 4: 4P

Frame

A:QM1SD-63,B:QM1SD-100,C:QM1SD-225
 D:QM1SD-400,E:QM1SD-630,F:QM1SD-800



Series code

Technical Specifications

Type	QM1SD-63	QM1SD-100	QM1SD-225	QM1SD-400	QM1SD-630	QM1SD-800
Standards	IEC60947-3	IEC60947-3	IEC60947-3	IEC60947-3	IEC60947-3	IEC60947-3
Approval	CE	CE	CE	CE	CE	CE
Frame type	A	B	C	D	E	F
Frame Current Inm (A)	63	100	225	400	630	800
Rated current In(A)	10,16,20,25, 32,40,50,63	16,20,25,32 40,50,63,80,100	100,125,160 180,200,225	225,250,315 350,400	400,500 630	630,700 800
Rated insulating voltage Ui (V)	500	800	800	800	800	800
Rated operating voltage, Ue (V)	400	400	400	400	400	400
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated impulsive withstand voltage, Uimp (kV)	6	8	8	8	8	8
Rated short-time withstand current Icw/1s (A)	760	1200	2700	4800	7600	9600
Mechanical life (times.)	8000	8000	8000	7500	7500	7500
Electrical life (times.)	1500	1500	1000	1000	1000	500
Utilization category (IEC60947-3)	AC-23A	AC-23A	AC-23A	AC-23A	AC-23A	AC-23A
Under-voltage release ①	■	■	■	■	■	■
Shunt-release ①	■	■	■	■	■	■
Auxiliary contact ①	■	■	■	■	■	■
Alarm Contact ①	■	■	■	■	■	■
Ambient temperature	-5 to +40°C, max. 95 % humidity					
Storage temperature	-40 to +75°C					
Altitude (Max)	2000					

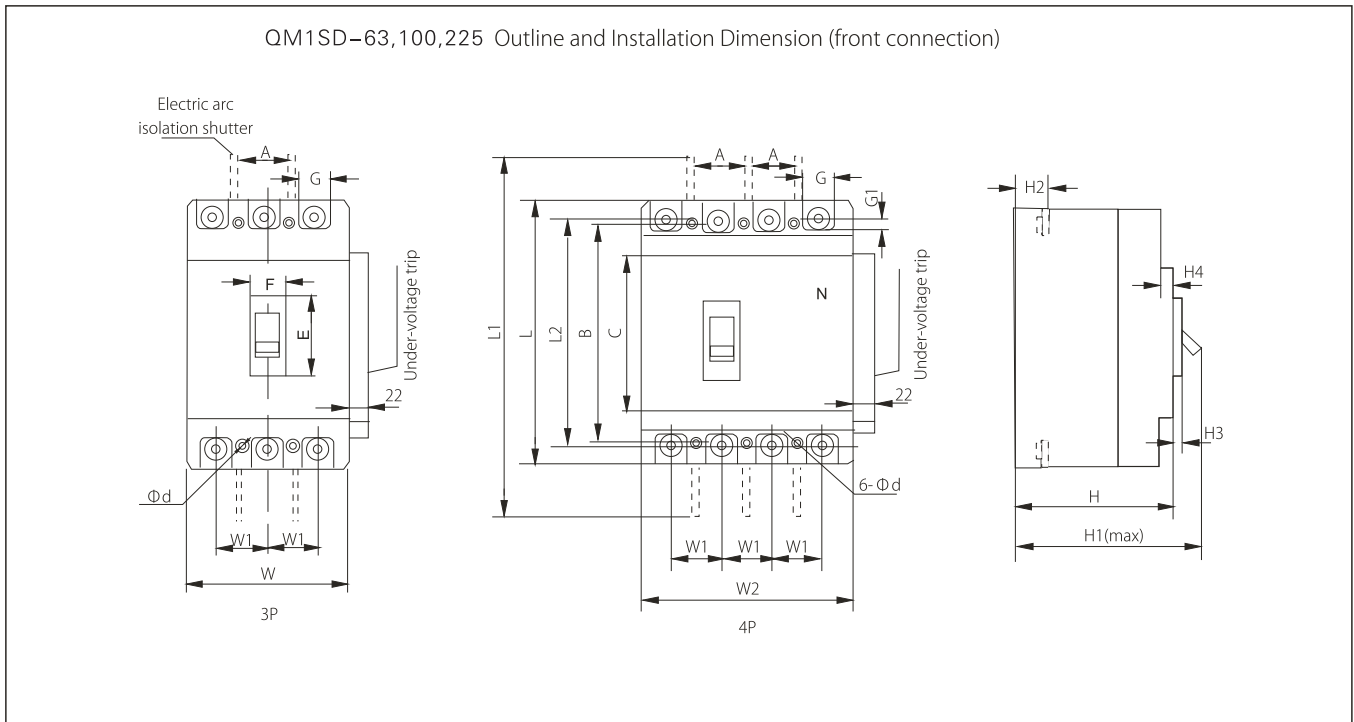
Note: ①The same with 3SM8 series auxiliaries.

Selection and ordering data

	Rated current In(A)	3 Poles		4 Poles	
		Type code	Order code	Type code	Order code
QM1SD-63	10	QM1SD-A310	39131	QM1SD-A410	39139
	16	QM1SD-A316	39132	QM1SD-A416	39140
	20	QM1SD-A320	39133	QM1SD-A420	39141
	25	QM1SD-A325	39134	QM1SD-A425	39142
	32	QM1SD-A332	39135	QM1SD-A432	39143
	40	QM1SD-A340	39136	QM1SD-A440	39144
	50	QM1SD-A350	39137	QM1SD-A450	39145
	63	QM1SD-A363	39138	QM1SD-A463	39146
QM1SD-100	16	QM1SD-A3016	39147	QM1SD-A4016	39156
	20	QM1SD-A3020	39148	QM1SD-A4020	39157
	25	QM1SD-A3025	39149	QM1SD-A4025	39158
	32	QM1SD-A3032	39150	QM1SD-A4032	39159
	40	QM1SD-A3040	39151	QM1SD-A4040	39160
	50	QM1SD-A3050	39152	QM1SD-A4050	39161
	63	QM1SD-A3063	39153	QM1SD-A4063	39162
	100	QM1SD-A3100	39155	QM1SD-A4100	39164
QM1SD-225	100	QM1SD-A3100	39165	QM1SD-A4100	39171
	125	QM1SD-A3125	39166	QM1SD-A4125	39172
	160	QM1SD-A3160	39167	QM1SD-A4160	39173
	180	QM1SD-A3180	39168	QM1SD-A4180	39174
	200	QM1SD-A3200	39169	QM1SD-A4200	39175
	225	QM1SD-A3250	39170	QM1SD-A4250	39176
	QM1SD-400	225	QM1SD-A3225	39177	QM1SD-A4225
250		QM1SD-A3250	39178	QM1SD-A4250	39183
315		QM1SD-A3315	39179	QM1SD-A4315	39184
350		QM1SD-A3350	39180	QM1SD-A4350	39185
400		QM1SD-A3400	39181	QM1SD-A4400	39186
QM1SD-630	400	QM1SD-A3400	39187	QM1SD-A4400	39190
	500	QM1SD-A3500	39188	QM1SD-A4500	39191
	630	QM1SD-A3630	39189	QM1SD-A4630	39192
QM1SD-800	630	QM1SD-A3630	39193	QM1SD-A4630	39196
	700	QM1SD-A3700	39194	QM1SD-A4700	39197
	800	QM1SD-A3800	39195	QM1SD-A4800	39198

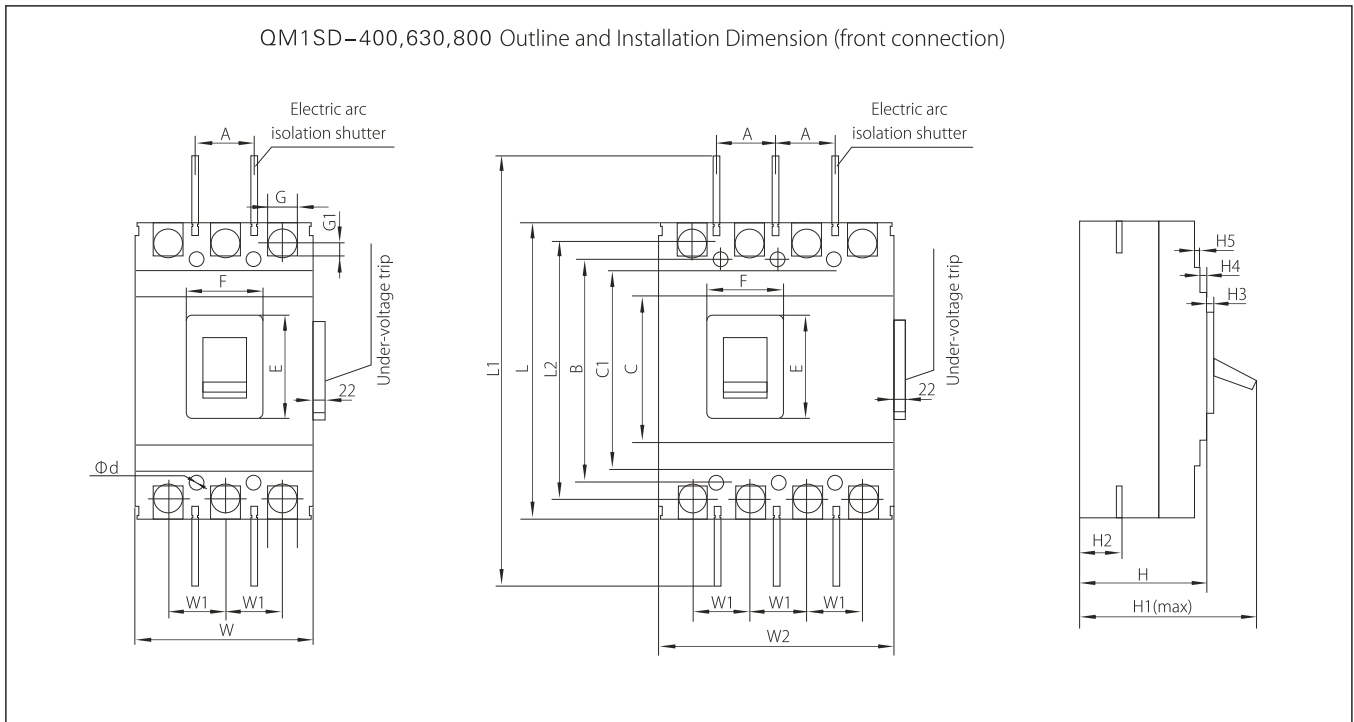


Outline and installation dimensions



		Model		
		QM1SD-63	QM1SD-100	QM1SD-225
Dimensions	C	85	88.5	102
	E	48.5	50.5	52
	F	22	22.7	29
	G	14	17.5	24
	G1	6.5	7.5	11.5
	H	73	68	84.5
	H1	90.5	86	110
	H2	20	24	24
	H3	4.6	4	2.2
	H4	7	7	5
	L	135	150	165
	L1	172	255	295
	L2	114	132	144
	W	78	92	107
W1	25	30	35	
W2	103	122	142	
Installation Dimensions	A	25	30	35
	B	117	130	126
	Φd	3.5	4.5X6	4.5

Outline and installation dimensions



		Model		
		QM1SD-400	QM1SD-630	QM1SD-800
Dimensions	C	128	133.6	154
	C1	151	184	204
	E	89	89	81
	F	65	65	66
	G	30	44	44
	G1	11	14	11
	H	106.5	111	115.5
	H1	146.5	160	155
	H2	38	43	40
	H3	6	6.8	4.5
	H4	3.5	3.5	4.5
	H5	4.5	4.5	8
	L	257	270	280
	L1	457	470	480
	L2	224	234	243
	W	148	182	210
W1	48	58	70	
W2	198	240	280	
Installation Dimensions	A	48	58	70
	B	194	200	243
	Φd	7	7	7