

Hydraulic Magnetic Circuit Breaker

Selector Guide



Hydraulic Magnetic Circuit Breaker Selector Guide



M-SERIES



MS-SERIES



H-SERIES



A-SERIES

NUMBER OF POLES	1-2	1	1-3	1-6 (handle); 1-3 (rocker & metal toggle)
ACTUATOR STYLE	Solid Color Angled Rocker Solid Color Flat Rocker Two Color Visi-Rocker Illuminated Angled Rocker Illuminated Flat Rocker Solid Color Paddle Solid Color Baton Solid Color Push-to-Reset Pushbutton Solid Color Push-Pull Pushbutton	Sealed Metal Toggle	Handle, Rocker, Curved & Flat	Sealed Metal Toggle, Handle, Rocker, Paddle
AVAILABLE DELAYS	Instant, Short, Medium - AC/DC, Hi-Inrush	Instantaneous, Short & Medium DC	Instantaneous, Ultra-short, Short, Medium & Long, AC, DC	Instantaneous, Ultra-short, Short, Medium & Long, AC, DC, AC/DC High Inrush - Short, Medium & Long AC and DC
MAXIMUM CURRENT & VOLTAGE RATINGS	0.02-15FLA, 32VDC, 125VAC, 1-pole 15.1-25GPA, 32VDC, 125VAC, 1-pole 0.02-15FLA, 65VDC, 250VAC, 2-pole 15.1-25GPA, 65VDC, 250VAC, 2-pole 0.02-12FLA, 250VAC, 1-pole 0.02-7.5GPA, 50VDC, 1-pole 0.02-30GPA, 65VDC, 80VDC, 1-pole 31-50GPA, 80VDC, Parallel	.2-30A 50VDC	1-32A@65VDC, 80VDC, 250VAC	0.02 -30A@277VAC, 80VDC 31.0-50A@125/250VAC, 65VDC
MAXIMUM INTERRUPTING CAPACITY	1,000A @ 65VDC, 2-pole 1,000A @ 32VDC, 1-pole 1,000A @ 250VAC, 2-pole 1,000A @ 125VAC, 1-pole 600A @ 80VDC	3000A, U3@50VDC	3000A@65VDC 1000A@80VDC 1500A@250VAC	7500A @ 65 VDC, UL only 3000A @ 125/250VAC, UL only 5000A @ 277VAC, w/ fuse backup
AUXILIARY SWITCH RATING	7A @ 250VAC 0.1A @ 125VAC (gold contacts) 7A (Res.) @ 28VDC 4A (Ind.) @ 28VDC 0.25A @ 80VDC	N/A	1.0A-65VDC/0.5A-80VDC, 0.1A-125VAC (with gold contacts)	10.1A@125VAC 0.1A@125VAC (gold contacts) 0.5A@65VDC 0.1A@80VDC
AVAILABLE CIRCUITS	Series and Switch Only	Series	Series, Switch Only, Relay Trip / V Coil	Series, Shunt, Relay, Switch Only, Series w/ Remote Shutdown, Relay & Shunt Trip Dual Coil
TERMINAL OPTIONS	.250" QC Tabs 8-32 Screw w/ Upturned Lugs 8-32, 10-32 Screw (Bus Type) Push in Stud Terminals	8-32 Screw & Solder Type; .250" QC Tabs	.250" QC Tabs, 8-32 & 10-32 Screw (& metric), PCB	.250" QC Tabs, 8-32 & 10-32 Screw (& metric), PCB
MOUNTING METHOD	Snap-in Front Panel Threaded Bushing	Front Panel	Threaded inserts	Threaded inserts: Front Panel Snap-In
AGENCY APPROVALS	UL recognized, CSA, VDE, TUV, UL489A Listed	UL 1077	UL Recognized, CSA Accepted, TUV Certified & CCC Certified	UL, CSA, VDE, TUV(rocker), UL1500, UL489A
DIMENSIONS				

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B-SERIES



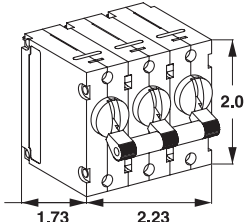
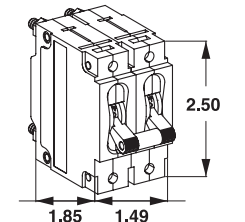
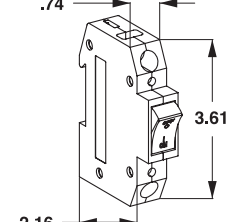
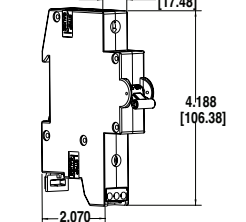
C-SERIES



D-SERIES



G-SERIES

1-6	1-6 (handle); 1-3 (rocker & metal toggle)	1-4 (handle) 1-3 (rocker)	1-4	NUMBER OF POLES
Handle, Rocker	Sealed Metal Toggle, Handle, Rocker	Solid Color Curved Rocker (1 per unit) Two Color Visi-Rocker (1 per unit) Handle (1 per pole or 1 per unit)	Handle	ACTUATOR STYLE
Instantaneous, Ultra-short, Short, Medium & Long, AC, DC, AC/DC High Inrush - Short, Medium & Long AC and DC	Instantaneous, Ultrashort, Short, Medium & Long, AC, DC, AC/DC High Inrush - Short, Medium & Long AC and DC	Instant, Ultra-Short, Short, Medium, Long (motor loads), AC, DC, AC/DC; High Inrush - Short, Medium, Long	Instantaneous, Ultrashort, Short, Medium & Long, AC, DC High Inrush - Short, Medium & Long AC and DC	AVAILABLE DELAYS
0.02-30A@277VAC, 80VDC 31.0-50A@125/250VAC, 65VDC	UL Listed 0.02-250A@80VDC 0.1-100@125VDC 0.02-70A@120VAC 0.02-20A@240VAC ULRecognized 0.02-30A@480WYE /277VAC2-pole, 1Ø, 3-pole, 3Ø 0.02-50A@277VAC 0.02-100A@250VAC,80VDC 0.02-100A@120/240VAC, 65VDC	0.02-50A @ 277VAC, 65VDC 0.02-30A @ 480WYE/277VAC, 2 pole 1 phase, 3 pole 3 phase	ULRecognized 0.02-63A@80VDC 0.02-63A@240VAC 0.02-63A@480VAC	MAXIMUM CURRENT & VOLTAGE RATINGS
7500A@80 VDC, UL only 3000A@125/250VAC, UL only 5000A@277VAC, w/ fuse backup	UL Listed 50000A@80VDC, single pole only 10,000A@120VAC, 5000A@125VDC, 240VAC ULRecognized 7500A@80VDC 3000A@125/250VAC, UL only 5000A@250VAC - listed construction 5000A@480WYE/277V AC w/fuse backup	1,500A @ 65VDC, 250VAC (VDE only) 5,000A @ 65 VDC 5,000A @ 480WYE/277VAC w/fuse back up 3,000A @ 125/250VAC (UL only) w/ fuse back up	ULRecognized 3000A@80VDC 3000A@240VAC 1500A@480VAC	MAXIMUM INTERRUPTING CAPACITY
10.1A@125VAC 0.1A@125VAC (gold contacts) 0.5A@65VDC 0.1A@80VDC	10.1A@250VAC 0.1A@125VAC (gold contacts) 0.5A@65VDC	N/A	5A@125VAC 3A@32VDC	AUXILIARY SWITCH RATING
Series, Shunt, Relay, Switch Only, Series w/ Remote Shutdown, Relay & Shunt Trip Dual Coil, Mid-Trip with Alarm Switch	Series, Shunt,Relay, Switch Only, Series w/ Remote Shutdown, Relay & Shunt TripDual Coil,Mid-Trip with Alarm Switch	Series, Switch Only, Series w/ Remote Shutdown	Series, Switch Only	AVAILABLE CIRCUITS
.250" QC Tabs, 8-32 & 10-32 Screw (& metric), PCB	10-32 Stud, 1/4-20 Stud, 0-32 Screw w/ saddle clamp,Clip Terminal, 1/4 & 7/16 Push-In	Recessed wire-ready, pressure plate type screw terminals	Recessed Wire-ready, Pressure Plate Type ScrewTerminals	TERMINAL OPTIONS
Threaded inserts: Front Panel Snap-In	Threaded inserts	Rear Mounted on DIN Rail or Front Panel Mounted	Rear Mounted on DIN Rail	MOUNTING METHOD
UL, CSA, VDE, TUV (rocker), UL1500, UL489, UL489A	UL, CSA, VDE, TUV, UL1500, UL489, UL489A	UL recognized, CSA, VDE	UL1077, CUL	AGENCY APPROVALS
				DIMENSIONS

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L-SERIES



CX-SERIES



E-SERIES



F-SERIES

NUMBER OF POLES	1-3	1- 2, + Auxiliary Switch Pole	1-6	1-3
ACTUATOR STYLE	Rocker, with or without guard	Handle, 1 per pole	Handle	Handle
AVAILABLE DELAYS	AC: Ultrashort, Short, Medium, Long, Short-High Inrush, Medium-High Inrush, Long-High Inrush	DC: Instantaneous, Ultrashort, Short, Medium & Long	Instant, Short, Medium & Long - AC, DC, and AC/DC High Inrush - Short, Medium & Long- AC, DC, and AC/DC	Short, Medium & Long DC, AC
MAXIMUM CURRENT & VOLTAGE RATINGS	2-30A, 120/240-240VAC	UL Recognized 2-125A, 600VDC UL Listed 2-15A, 250/500VDC	UL Listed 0.02-100A@240VAC, 65VDC, 125VDC ULRecognized 0.02-100A@277VAC, 160VDC, 1-pole 0.02-100A@600VAC, 2-pole 1Ø, 3 pole 3Ø 0.02-120A@125VDC, 1-pole	UL489 Listed: 50-250A@125VDC 100-250A@120/240VAC 100-250A@277VAC 100-250A@208Y/120 3Ø UL489A Listed 250-700A@125VDC
MAXIMUM INTERRUPTING CAPACITY	5000 Amps	Up to 10,000 UL Listed and UL recognized	UL Listed 50000A@80VDC 10000A@125VDC& 240VAC-5KA ULRecognized 5000A@125VDC 5000A@600VAC, without fuse backup 10000A@600VAC, w/fuse backup	50000A@125VDC 10000A, 120/240, 277, 208Y/120
AUXILIARY SWITCH RATING	N/A	20A, 80VDC (GO circuit)	10.1A@250VAC 1.0A@65VDC 0.1A@80VDC	10.1A@250VAC 0.5A@65VDC 0.1A@80VDC
AVAILABLE CIRCUITS	Series Trip	Series Trip	Series, Shunt, Relay, Switch Only, Series w/ Remote Shutdown	Series & Switch Only with or without Metering Shunt
TERMINAL OPTIONS	10-32, 8-32, M5 & M4 Screw	10-32 or M5 Screw Terminals 1/4-20 or M6 Threaded Stud	10-32 Stud, 1/4-20 Stud 0-32 Screw, 1/4-20 Screw, BoxWire Connector	3/8-16 Stud, 3/8-16 Screw & BoxWire Connector
MOUNTING METHOD	Threaded Insert: #6-32 UNC-2B, or M3X0.5-6H B ISO (2 per Pole)	Threaded insert: #6-32 UNC-2B, or M3X0.5-6H B ISO (2 per pole)	Rear or Front Panel	Rear or Front Panel
AGENCY APPROVALS	UL 489, CUL, TUV (EN60934-2)	UL489, UL1077	UL, CSA, VDE, UL1500, UL489	CUL, TUV, UL489, UL489A
DIMENSIONS				

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