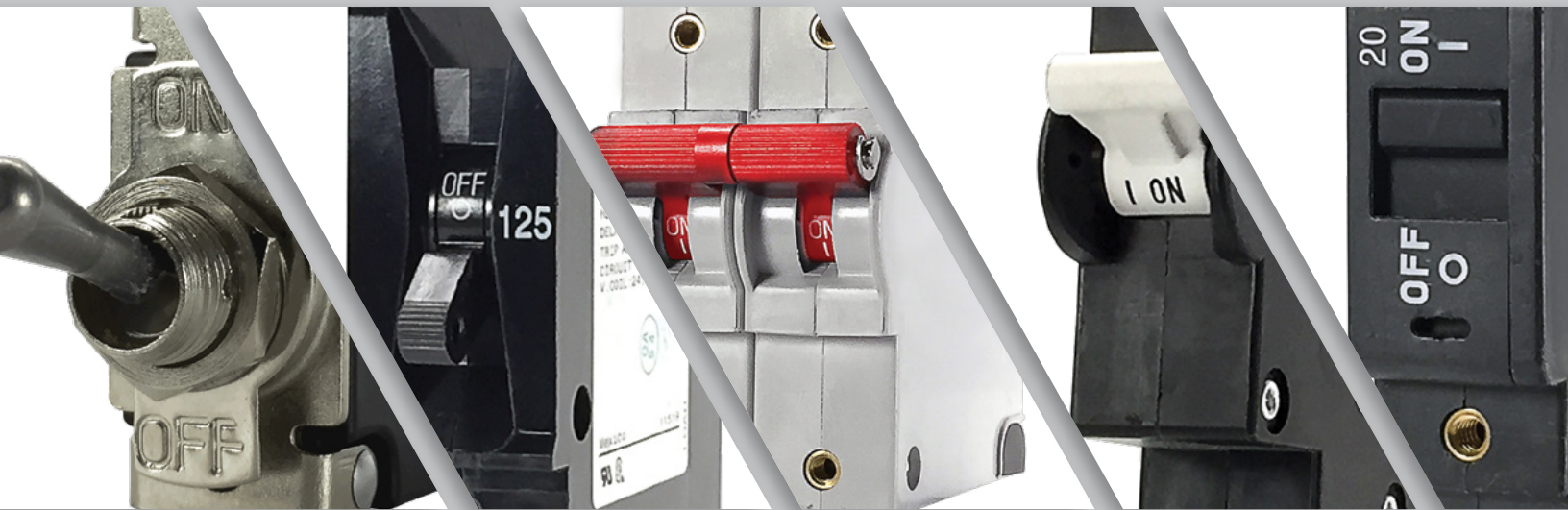












HYDRAULIC-MAGNETIC






Circuit Protection



SELECTOR GUIDE

	 <i>MS-Series</i>	 <i>M-Series</i>	 <i>H-Series</i>	 <i>A-Series</i>	 <i>B-Series</i>
Number of Poles	1-3	1-2	1-3	1-6 (handle) 1-3 (rocker & metal toggle)	1-6
Actuator Style	sealed metal toggle	angled rocker, paddle, baton, push-to-reset pushbutton, push-pull pushbutton, visi-rocker, flat rocker	handle rocker curved & flat	sealed metal toggle handle rocker paddle	handle rocker
Available Delays	DC: instantaneous, short & medium	AC/DC: instantaneous, short, medium, hi-inrush	AC, DC: instantaneous, ultra-short, short, medium & long	AC, DC, AC/DC: instantaneous, ultra-short, short, medium & long AC, DC: high inrush-short, medium & long	AC, DC, AC/DC: instantaneous, ultra-short, short, medium & long AC, DC: high inrush-short, medium & long
Max Current & Voltage Ratings	0.2-30A@ 65VDC 240VAC, 120/240VAC	1 Pole: 0.02-15FLA@32VDC, 125VAC 15.1-25GPA@32VDC, 125VAC 0.02-12FLA@250VAC 0.02-7.5GPA@50VDC 0.02-30GPA@65VDC, 80VDC 2 Pole: 0.02-15FLA@65VDC, 250VAC 15.1-25GPA@65VDC, 250VAC Parallel Pole: 31-50GPA@80VDC	1-35A@ 65VDC, 80VDC, 250VAC	0.02-30A@ 277VAC, 80VDC 31.0-50A@ 125/250VAC, 65VDC	0.02-30A@ 277VAC, 80VDC 0.02-30A@ 125/250VAC, 65VDC
Max Interrupting Capacity	3000A, U1@ 65VDC 2000A, U1@ 240VAC 2000A, U1@ 120/240VAC	1 Pole: 1,000A@32VDC 1,000A@125VAC 2 Pole: 1,000A@65VDC 1,000A@250VAC Parallel Pole: 600A@80VDC	3000A@65VDC 1000A@80VDC 1500A@250VAC	7500A@80VDC, UL only 3000A@120/250VAC, UL only 5000A@277VAC, with fuse backup	7500A @ 80 VDC, UL only 3000A @ 125/250VAC, UL only 5000A @ 277VAC, with fuse backup
Auxiliary Switch Rating	5A @ 125VAC 3A @ 32VDC .1A @ 125VAC, 32VDC	7A@250VAC 0.1A@125VAC (gold contacts) 7A (res.)@28VDC 4A (ind.)@28VDC 0.25A@80VDC	1.0A @ 65VDC/0.5A @ 80VDC, 0.1A @ 125VAC (gold contacts)	10.1A@125VAC 0.1A@125VAC (gold contacts) 0.5A@65VDC 0.1A@80VDC	10.1A@125 VAC 0.1A@125 VAC (gold contacts), 0.5A@65 VDC 0.1A@80 VDC
Available Circuits	series and switch only	series and switch only parallel pole	series, switch only, relay trip	series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil	series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil, mid- trip with alarm switch
Terminal Options	.250" QC tabs 8-32 screw & solder type	.250" QC tabs, 8-32 screw with upturned lugs, 8-32, 10-32 screw (bus type), push in stud terminals	.250" QC tabs 8-32 & 10-32 screw (& metric), PCB	.250" QC tabs 8-32 & 10-32 screw (& metric), PCB	.250" QC tabs, 8-32 & 10-32 screw (& metric), PCB
Mounting Method	front panel	snap-in front panel threaded bushing	threaded inserts	threaded inserts: front panel snap-in	threaded inserts: front panel snap-in
Agency Approvals	UL 1077, cUL, TUV	UL recognized, CSA, VDE, TUV, UL489A listed	UL recognized, CSA accepted, TUV certified & CCC certified	UL, CSA, VDE, TUV (rocker), UL1500, UL489A	UL, CSA, VDE, TUV (rocker); UL1500, UL489, UL489A

	 TB-Series	 J-Series	 C-Series	 CX-Series	 D-Series
Number of Poles	2	1-3	1-6 (handle) 1-3 (rocker & metal toggle)	1-5	1-4 (handle) 1-3 (rocker)
Actuator Style	handle	curved rocker, flat rocker, push-to-reset guard	sealed metal toggle handle rocker	handle, 1 per pole	solid color curved rocker (1 per unit) two color visi-rocker (1 per unit) handle (1 per pole or unit)
Available Delays	AC, ultrashort, shot, medium, long, high inrush	AC, ultrashort, shot, medium, long, high inrush	AC, DC, AC/DC: instant, ultrashort, short, medium & long AC, DC: high inrush-short, medium & long	DC: instant, ultrashort, short, medium & long	AC, DC, AC/DC: instant, ultra-short, short, medium, long (motor loads) AC, DC, AC/DC: high inrush-short, medium, long
Max Current & Voltage Ratings	.1-20A@ 120/240VAC	1-20A@ 240 VAC	UL Listed: 0.02-250A@80VDC 0.1-100A@125VDC 0.02-70A@120VAC 0.02-20A@240VAC UL Recognized: 0.02-30A@480WYE/277VAC 2 Pole, 1Ø 3 Pole, 3Ø 0.02-50A@277VAC 0.02-100A@250VAC, 80VDC 0.02-100A@120/240VAC, 65VDC	UL Recognized 0.2-115A @ 600VDC UL Listed 0.2-15A @ 250/500VDC 0.2-50A @ 205/410VDC	0.02-50A@ 277VAC, 65VDC 0.02-30A@ 480WYE /277VAC 2 Pole 1Ø 3 Pole 3Ø
Max Interrupting Capacity	5000A@ 120/240 VAC	10KAK @ 240 VAC	UL Listed: 50000A@80VDC, 1 pole only 10000A@120VAC 5000A@125VDC/240VAC UL Recognized: 7500A@80VDC 3000A@125/250VAC, UL only 5000A@250VAC listed construction 5000A@480WYE/277VAC with fuse backup	UL Listed and UL Recognized up to 10,000 amps	1,500A@65VDC, 250VAC, VDE only 5,000A @ 65 VDC 5,000A @ 480WYE /277VAC with fuse back up 3,000A @ 125 /250VAC, UL only with fuse back up
Auxiliary Switch Rating	10.1A@125 VAC 0.1A@125 VAC (gold contacts) 0.5A@65 VDC 0.1A@80 VDC	n/a	10.1A@250 VAC 0.1A@125 VAC (gold contacts), 0.5A@80 VDC	20A@80VDC (GO circuit)	n/a
Available Circuits	series trip	series trip	series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil, mid-trip with alarm switch	series trip	series, switch only, series with remote shutdown
Terminal Options	8/32, 10/32, M4, M5 back connection	8/32, 10/32, M4, M5	10-32 stud, 1/4-20 stud, 10-32 screw with saddle clamp, 7/16 clip & push-In	10-32 or M5 screw terminals 1/4-20 or M6 threaded stud	recessed wire-ready, pressure plate type screw terminals
Mounting Method	threaded inserts	threaded inserts	threaded inserts	threaded insert: #6-32 UNC-2B, or M3X0.5-6H B ISO (2 per pole)	rear mounted on DIN rail or front panel mounted
Agency Approvals	UL489, TUV	UL489, cULus, TUV	UL, CSA, VDE, TUV, UL1500, UL489, UL489A	UL489, UL1077, TUV (EN60934-2)	UL recognized, CSA, VDE

	 L-Series	 N-Series	 G-Series	 E-Series	 F-Series
Number of Poles	1-3	1-2	1-3 (UL Listed) 1-4 (UL Recognized)	1-6	1-3
Actuator Style	rocker, with or without guard	flush rocker, with or without push to reset guard	handle	handle	handle
Available Delays	AC: ultrashort, short, medium, long, short-high inrush, medium-high inrush, long-high inrush	AC: ultrashort, short, medium, long, short-high inrush, medium-high inrush, long-high inrush	AC, DC: instantaneous, ultrashort, short, medium & long AC, DC: high inrush-short, medium & long	AC, DC, AC/DC: instant, short, medium & long AC, DC, AC/DC: high inrush-short, medium & long	AC, DC: short, medium & long
Max Current & Voltage Ratings	.1-32A@120/240VAC .1-20A@415/240VAC, 3 pole	1-20A@240/277VAC 1-30A@120/240VAC	UL Listed: 1-50A@80VDC 1-50A@125VDC 1-50A@120VAC 1-50A@120/240VAC 1-25A@240VAC UL Recognized: 0.1-63A@80VDC 0.1-63A@240VAC 0.1-63A@480VAC	UL Listed 0.02-100A@240VAC, 80VDC, 125VDC UL Recognized 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, 3ØVAC UL489A Listed 250-700A@125VDC
Max Interrupting Capacity	5000 amps	22,000 amps	UL Listed: 5000A@80VDC 5000A@125VDC 5000A@120VAC 5000A@120/240VAC 5000A@240VAC UL Recognized: 3000A@80VDC 3000A@240VAC 1500A@480VAC	UL Listed 50000A@80VDC 10000A@125VDC & 240VAC-5KA UL Recognized 5000A@125VDC 5000A@600VAC, without fuse backup 10000A@600VAC, with fuse backup	50000A@125VDC 10000A@120/240, 277, 208Y/120VAC
Auxiliary Switch Rating	n/a	n/a	3A@125VAC 2A@30VDC	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, switch only	series, shunt, relay, switch only, series with remote shutdown	series & switch only with or without metering shunt
Terminal Options	10-32, 8-32, M5 & M4 screw	screw terms	recessed wire-ready, pressure plate type screw terminals	10-32 stud, 1/4-20 stud 0-32 screw, 1/4-20 screw, box wire connector	3/8-16 stud, 3/8-16 screw & box wire connector
Mounting Method	threaded insert: #6-32 UNC-2B, or M3X0.5-6H B ISO (2 per pole)	threaded insert: #6-32 x .195 inches ISO M3 x 5mm	rear mounted on DIN rail	rear or front panel	rear or front panel
Agency Approvals	UL 489, cUL, TUV (EN60934-2)	UL489, TUV (EN60947-2)	UL1077, cUL, TUV, UL489	UL, CSA, VDE, UL1500, UL489	cUL, TUV, UL489, UL489A

*Manufacturer reserves the right to change product information without prior notice