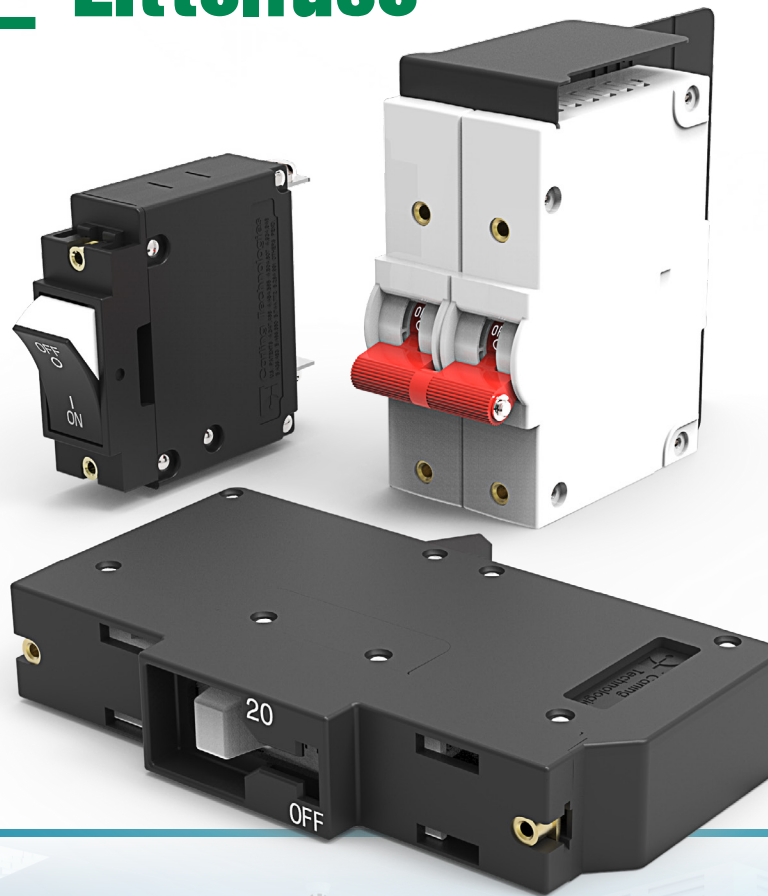


Hydraulic-Magnetic Circuit Protection

Power Distribution Units, Data Centers,
Cell Towers, 5G Networks, UPS Systems
and more.

Datacom/Telecom

Industry Brochure
and Selector Guide



Featured Hydraulic-Magnetic Circuit Breakers



J-Series >

Compact, low profile circuit breaker ideally suited for high power density applications.

1-3 Poles
1-20A, 240VAC
10,000 AIC Short Circuit Capacity
UL489, cULus, TUV



L-Series >

Low profile circuit breaker with current sensing capabilities down to a level of 1%.

1-3 Poles
0.1-32A, up to 415VAC
Optional Current Transformer
UL489, cUL, TUV (EN60934-2)



N-Series >

Sliding terminal barriers provide load and line accessibility and effortless installation.

1-2 Poles
1-30A, up to 277VAC
22,000A Max Interrupting Capacity
EN60947-2 Certified



TB-Series >

Space saving, two-pole tandem pole circuit breaker fits into a one rack unit.

2 Poles
0.10 to 20A, 120/240VAC
UL 489, TUV
Max. Interrupting Capacity
UL = 10,000A and TUV = 5,000A



H-Series >

Meets IEC spacing requirements for international applications.

1-3 Poles
1-35A, up to 65VDC, 80VDC, 250VAC
UL 1077, CSA, TUV & CCC



CX-Series >

Arch-quenching design safely handles high amperage and DC voltage applications.

1, 2 or Parallel Poles
0.02A to 50A, up to 125/250VAC or 80VDC
UL 1077, UL 489A, CSA, TUV & VDE

Selector Guide

CIRCUIT PROTECTION

Hydraulic-Magnetic



J-Series



TB-Series



N-Series



L-Series



H-Series

Poles	1-3	2	1-2	1-3	1-3
Actuator Style	curved rocker, flat rocker, push-to-reset guard	handle	flush rocker, with or without push to reset guard	rocker, with or without guard	handle, rocker (curved & flat)
Available Delays	AC, ultrashort, short, medium, long, high inrush	AC, ultrashort, short, medium, long, high inrush	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, ultra-short, short, medium & long
Max Current & Voltage Ratings	1-20A@ 240 VAC	.1-20A@ 120/240VAC	1-20A@240/277VAC 1-30A@120/240VAC	.1-32A@120/240VAC .1-20A@415/240VAC, 3 pole	1-35A@ 65VDC, 80VDC, 250VAC
Max Interrupting Capacity	10KAK @ 240 VAC	5000A@ 120/240 VAC	22,000 amps	5000 amps	3000A@65VDC 1000A@80VDC 1500A@250VAC
Auxiliary Switch Rating	n/a	10.1A@125 VAC 0.1A@125 VAC (gold contacts) 0.5A@65 VDC 0.1A@80 VDC	n/a	n/a	1.0A @ 65VDC/0.5A @ 80VDC, 0.1A @ 125VAC (gold contacts)
Available Circuits	series trip	series trip	series trip	series trip	series, switch only, relay trip
Terminal Options	8/32, 10/32, M4, M5	8/32, 10/32, M4, M5 back connection	screw terms	10-32, 8-32, M5 & M4 screw	.250" QC tabs 8-32 & 10-32 screw (& metric), PCB
Mounting Method	threaded inserts	threaded inserts	threaded insert: #6-32 x .195 inches ISO M3 x 5mm	threaded insert: #6-32 UNC-2B, or M3X0.5-6H B ISO (2 per pole)	threaded inserts
Agency Approvals	UL489, cULus, TUV	UL489, TUV	UL489, TUV (EN60947-2)	UL 489, cUL, TUV (EN60934-2)	UL1077, CSA, TUV & CCC

Selector Guide

CIRCUIT PROTECTION

Hydraulic-Magnetic



M-Series



A-Series



B-Series

Poles	1-2	1-6 (handle) 1-3 (rocker/toggle)	1-6
Actuator Style	rocker (curved & flat), visi-rocker, paddle, baton, push-to-reset & push-pull pushbuttons	sealed metal toggle, handle, rocker, paddle	handle, rocker
Available Delays	AC/DC: instantaneous, short, medium, hi-inrush	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	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	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	1 Pole: 1,000A@32VDC 1,000A@125VAC 2 Pole: 1,000A@65VDC 1,000A@250VAC Parallel Pole: 600A@80VDC	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	7A@250VAC 0.1A@125VAC (gold contacts) 7A (res.)@28VDC 4A (ind.)@28VDC 0.25A@80VDC	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 parallel pole	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 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
Mounting Methods	snap-in front panel threaded bushing	threaded inserts: front panel snap-in	threaded inserts: front panel snap-in
Agency Approvals	UL1077, CSA, VDE, TUV, UL489A listed	UL1077, CSA, VDE, TUV (rocker), UL1500, UL489A	UL1077, CSA, VDE, TUV; UL1500, UL489, UL489A

Selector Guide

CIRCUIT PROTECTION

Hydraulic-Magnetic



C-Series



CX-Series



F-Series

Poles	1-6 (handle) 1-3 (rocker/toggle)	1-5	1-3
Actuator Style	sealed metal toggle, handle, rocker	handle, 1 per pole	handle
Available Delays	AC, DC, AC/DC: instant, ultrashort, short, medium & long AC, DC: high inrush-short, medium & long	DC: instant, ultrashort, short, medium & long	AC, DC: short, medium & long
Max Current & Voltage Ratings	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	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	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	50000A@125VDC 10000A@120/240, 277, 208Y/120VAC
Auxiliary Switch Rating	10.1A@250 VAC 0.1A@125 VAC (gold contacts), 0.5A@80 VDC	20A@80VDC (GO circuit)	10.1A@250VAC 0.5A@65VDC 0.1A@80VDC
Available Circuits	series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil, mid-trip with alarm switch	series trip	series & switch only with or without metering shunt
Terminal Options	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	3/8-16 stud, 3/8-16 screw & box wire connector
Mounting Method	threaded inserts	threaded insert: #6-32 UNC-2B, or M3X0.5-6H B ISO (2 per pole)	rear or front panel
Agency Approvals	UL1077, CSA, VDE, TUV, UL1500, UL489, UL489A	UL489, UL1077, TUV (EN60934-2)	cUL,TUV, UL489, UL489A



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