



Carling Technologies®

Innovative Designs. Powerful Solutions.



DATACOM/TELECOM

CIRCUIT PROTECTION



SELECTOR GUIDE

|  <p>M-Series</p> |  <p>A-Series</p> |  <p>B-Series</p> |  <p>TB-Series</p> |  <p>J-Series</p> | |
|--|--|--|--|--|--|
| 1-2 | 1-6 (handle) 1-3 (rocker/toggle) | 1-6 | 2 | 1-3 | Poles |
| rocker (curved & flat), visi-rocker, paddle, baton, push-to-reset & push-pull pushbuttons | sealed metal toggle, handle, rocker, paddle | handle, rocker | handle | curved rocker, flat rocker, push-to-reset guard | Actuator Style |
| 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 | AC, ultrashort, shot, medium, long, high inrush | AC, ultrashort, shot, medium, long, high inrush | Available Delays |
| 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 | .1-20A@ 120/240VAC | 1-20A@ 240 VAC | Max Current & Voltage Ratings |
| 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 | 5000A@ 120/240 VAC | 10KAK @ 240 VAC | Max Interrupting Capacity |
| 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 | 10.1A@125 VAC 0.1A@125 VAC (gold contacts) 0.5A@65 VDC 0.1A@80 VDC | n/a | Auxiliary Switch Rating |
| 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 | series trip | series trip | Available Circuits |
| .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 | 8/32, 10/32, M4, M5 back connection | 8/32, 10/32, M4, M5 | Terminal Options |
| snap-in front panel threaded bushing | threaded inserts: front panel snap-in | threaded inserts: front panel snap-in | threaded inserts | threaded inserts | Mounting Method |
| UL1077, CSA, VDE, TUV, UL489A listed | UL1077, CSA, VDE, TUV (rocker), UL1500, UL489A | UL1077, CSA, VDE, TUV (rocker); UL1500, UL489, UL489A | UL489, TUV | UL489, cULus, TUV | Agency Approvals |

|  C-Series |  CX-Series |  L-Series |  N-Series |  F-Series | |
|---|---|--|--|---|--|
| 1-6 (handle) 1-3 (rocker/toggle) | 1-5 | 1-3 | 1-2 | 1-3 | Poles |
| sealed metal toggle, handle, rocker | handle, 1 per pole | rocker, with or without guard | flush rocker, with or without push to reset guard | handle | Actuator Style |
| AC, DC, AC/DC: instant, ultrashort, short, medium & long AC, DC: high inrush-short, medium & long | DC: instant, ultrashort, short, medium & long | 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: short, medium & long | Available Delays |
| 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 | .1-32A@120/240VAC .1-20A@415/240VAC, 3 pole | 1-20A@240/277VAC 1-30A@120/240VAC | UL489 Listed: 50-250A@125VDC 100-250A@120/240VAC 100-250A@277VAC 100-250A@208Y/120, 3ØVAC UL489A Listed 250-700A@125VDC | Max Current & Voltage Ratings |
| 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 | 5000 amps | 22,000 amps | 50000A@125VDC 10000A@120/240, 277, 208Y/120VAC | Max Interrupting Capacity |
| 10.1A@250 VAC 0.1A@125 VAC (gold contacts), 0.5A@80 VDC | 20A@80VDC (GO circuit) | n/a | n/a | 10.1A@250VAC 0.5A@65VDC 0.1A@80VDC | Auxiliary Switch Rating |
| series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil, mid-trip with alarm switch | series trip | series trip | series trip | series & switch only with or without metering shunt | Available Circuits |
| 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 | 10-32, 8-32, M5 & M4 screw | screw terms | 3/8-16 stud, 3/8-16 screw & box wire connector | Terminal Options |
| threaded inserts | 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) | threaded insert: #6-32 x .195 inches ISO M3 x 5mm | rear or front panel | Mounting Method |
| UL1077, CSA, VDE, TUV, UL1500, UL489, UL489A | UL489, UL1077, TUV (EN60934-2) | UL 489, cUL, TUV (EN60934-2) | UL489, TUV (EN60947-2) | cUL,TUV, UL489, UL489A | Agency Approvals |

*Options and approvals shown may apply to specific construction combinations only, consult factory for clarification.

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