

» SWITCHES AND CONTROLS

» CIRCUIT PROTECTION

Hydraulic Magnetic Circuit Breakers

A-Series

B-Series

TB-Series

C-Series Remote Operated

C-Series

CX-Series

D-Series

E-Series

F-Series

G-Series

H-Series

L-Series

J-Series

M-Series

MS-Series

N-Series

Thermal Circuit Breakers

Equipment Leakage & Ground Fault Circuit Breakers

» OCTOPLEX®

» POWER DISTRIBUTION UNITS

» CUSTOM SOLUTIONS

A-SERIES



Product Type:

Hydraulic/Magnetic Circuit Breaker

Description:

Well known for their proven reliability, Carling Technologies' A-Series hydraulic magnetic circuit breakers are compact, temperature stable and designed for precision operation in OEM markets requiring general purpose as well as full load amp applications. When front panel operation and aesthetics demand a clean, contemporary design, the visi-rocker or paddle actuators are ideally suitable. A sealed toggle actuator style is also available and ideal for harsh environment applications requiring additional sealing protection. Optional rocker-guard and push-to-reset bezels, which help prevent inadvertent actuation, are also available.

1-6 poles; ratings from 0.02 to 50 amps, up to 277VAC or 80VDC; UL Recognized, UL Listed, UL1500, UL1077, TUV, VDE & CSA

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Specs

Certifications

UL recognized, CSA, TUV, VDE -0642, UL-1500, UL489A listed (Telecom)

Number of Poles

1-6 poles Handle actuator
1-3 poles Rocker actuator
1-3 poles Metal Toggle actuator

Available Delays

Instant, Ultra-Short, Short, Medium, Long (motor loads), AC,DC, AC/DC; High Inrush - Short, Medium, Long



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Maximum Current and Voltage Ratings	0.02-30A @ 277VAC, 80VDC 31.0-50A @ 125/250VAC, 80VDC 0.1 - 50A @ 80VDC (UL489A)
Maximum Interrupting Capacity	3,000A @ 65VDC (UL only) 3,500A @ 65VDC w/fuse back up 3,000A @ 125/250VAC (UL only) 5,000A @ 277VAC w/fuse back up 5,000A @ 80VDC (UL489A)
Auxiliary Switch Ratings	10.1A @ 250VAC 0.1A @ 125VAC (gold contacts) 5A @ 30VDC 0.5A @ 80VDC 1.0A @ 65VDC
Available Circuits	Series, Shunt, Relay, Switch Only, Series w/Remote Shutdown, Relay and Shunt Trip Dual Coil
Actuator Style	Solid Color Curved Rocker (1 per unit) Flat Rocker (1 per unit) Two Color Visi-Rocker (1 per unit) Handle (1 per pole or 1 per unit) Mid Trip Handle (1 per pole or 1 per unit)
Terminal Options	.250 QC Tabs 8-32 Screw w/ Upturned Lugs 8-32 Screw (Bus Type) 10-32 Screw w/ Upturned Lugs 10-32 Screw (Bus Type) M4 & M5 Screw (Bus Type) M4 & M5 Screw w/ Upturned Lugs Push in Stud Terminals M6 Stud
Mounting Method	Front Panel Snap-in Front Panel (handle actuator)
Value Added	Custom actuator colors PC Terminals available Non-standard amp ratings Panel hole plug available

Resources

Circuit Breakers - Hydraulic Magnetic

 [Accessories A-B-C-D Series \[pdf\]](#)

 [Circuit Breaker Time Delays \[pdf\]](#)

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