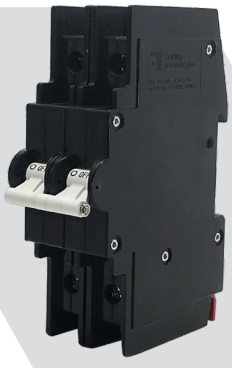
2018-19

RAIL SIGNALING & INFRASTRUCTURE

Circuit Protection



Carling Technologies®
Innovative Designs. Powerful Solutions.

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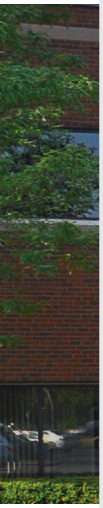


With decades of design and manufacturing experience,

Carling Technologies offers a complete line of hydraulic-magnetic circuit breakers offering maximum circuit protection for signaling and infrastructures in the railway industry. With over nine decades of product development and manufacturing experience, our products are ideally suited for applications with the most stringent requirements.

CORPORATE LOCATIONS

Founded in 1920, there are few products that Carling Technologies hasn't turned "ON" and fewer industries that haven't turned to Carling for solutions. With ISO and TS registered manufacturing facilities and technical sales offices worldwide, Carling ranks among the world's largest manufacturers of circuit breakers, switches, PDU's, digital switching systems and electronic controls.

- Worldwide Headquarters, Plainville, CT, USA
  ISO9001:2015, IATF16949:2016
- Carling Technologies Inc., Brownsville, TX, USA
  ISO14001:2015, ISO9001:2015, IATF16949:2016
- Interruptores de Mexico, Matehuala, SLP, Mexico
  ISO14001:2015, ISO9001:2015, IATF16949:2016
- Carling Technologies Ltd., Exeter, Devon, England
  ISO9001:2015, IATF 16949:2016
- Carling Technologies Asia-Pacific Ltd., Tsimshatsui, Kowloon, Hong Kong
  ISO9001:2015, IATF16949:2016
- Carlingswitch Manufacturing Co., Ltd., Zhongshan City, Guangdong, China
  ISO14001:2015, ISO9001:2015, IATF16949:2016

ADVANTAGES: *Hydraulic-Magnetic Circuit Protection*

Hydraulic-magnetic circuit breakers provide significant advantages when compared to thermal circuit breakers.

- Not affected by extreme temperatures
- The overcurrent sensing mechanism reacts only to changes of current in the circuit being protected
- No heat induced tripping and no cool down necessary for resetting
- Common trip linkage assures all poles trip during overcurrent conditions
- Ratings of .02 to 700 amps up to 125VDC & 600VAC

Carling Technologies RAILWAY hydraulic-magnetic circuit breakers are designed in compliance with industry safety standards

- EN 60077
- EN 45545-2
- NF F16-101
- IEC 61373

MINIATURE CIRCUIT BREAKERS

A-Series

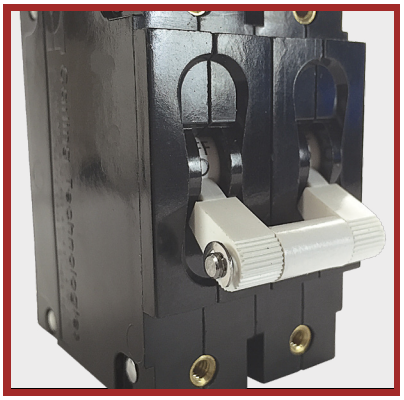
Compact and ideal for full load amp applications.

- 1-6 Poles
- Ratings: 0.02-50A, up to 80VDC, 250VAC
- UL489, UL1077, TUV, VDE & CSA

C-Series

Ideal for high amperage and voltage applications.

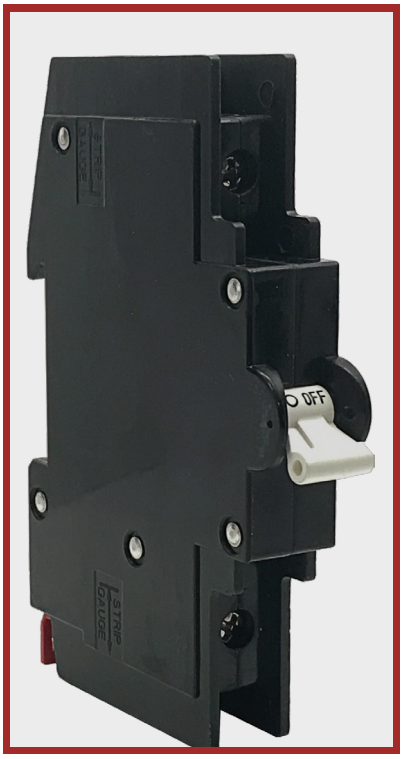
- 1-6 Poles
- Ratings: 0.02-250A, up to 150VDC, 480VAC
- UL489, UL1077, CSA, VDE-0642 & TUV



G-Series

Ideal for DIN rail mounted applications

- UL 489: 1-3 poles; 1-50A; 125 VDC, 240 VAC
- UL 1077: 1-4 poles; 0.1-63A; 80 VDC, 240 VAC/480VAC
- Integrated Auxiliary Switch
- UL 1077, UL 489, CSA, TUV & CCC



E-Series

Ideal for high current and high voltage applications. Certified as a supplementary protector and as a manual motor controller.

- 1-6 Poles
- Ratings: .1-100A, up to 125VDC, 600VAC
- UL489, UL1077, CSA & VDE

F-Series

Ideal for high amperage, high current and critical applications having inductive loads under extreme temperature conditions.

- 1-3 Poles
- Ratings: 100-700A, up to 125VDC, 277VAC
- UL489, cUL Certified & TUV

Worldwide Headquarters

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