

PRODUCT PROFILE

INDUSTRIAL DIN RAIL CIRCUIT BREAKERS

Bulletin 1489

Rockwell Automation introduces a new line of circuit breakers approved for branch circuit applications in the United States and Canada and certified as a Miniature Circuit Breaker for IEC applications. The Allen-Bradley Bulletin 1489 Circuit Breakers are UL489 listed and CSA 22.2 No. 5.1 to provide branch circuit protection and are MCBs to IEC 60 947-2.

VERSATILITY

The Bulletin 1489 Circuit Breakers provide a variety of product configurations by offering current ranges of 0.5 A to 40 A with voltage ranges of 240V AC and 480Y/277V AC. The Bulletin 1489 DIN Rail-mounted circuit breakers are similar in width and current range to MCBs and supplementary protectors with the added benefit of providing a listed branch circuit protection circuit breaker for US/Canada applications.

Bulletin 1489 features finger-safe IPX/2 from the front of the circuit breaker. Also available for control circuit applications are add-on auxiliary and signal contacts plus shunt trip modules to provide modern control circuit applications.

A lock-off attachment is available for applications requiring that feature.

Listed bus bars may be added to applications for convenience in panel assembly.

SIMPLIFIED MAINTENANCE

A convenient on (red) off (green) indicator is provided for quickly checking the status of the circuit breaker.

Terminals for applications requiring ring terminal connectors are available. This unique terminal may be field converted to accept normal wire connection using included lugs.

ESSENTIAL COMPONENTS.
EXCEPTIONAL VALUE.

UL489 LISTED FOR US APPLICATIONS
CSA 22.2 NO. 5.1 FOR CANADIAN APPLICATIONS
IEC 60 947-2 FOR IEC APPLICATIONS



Branch Circuit Protection 10,000 AIC

UL489/CSA 22.2 No. 5.1

240 VAC 0.5 ... 40 A

480Y/277 VAC 0.5 ... 20A

IEC 60 947-2

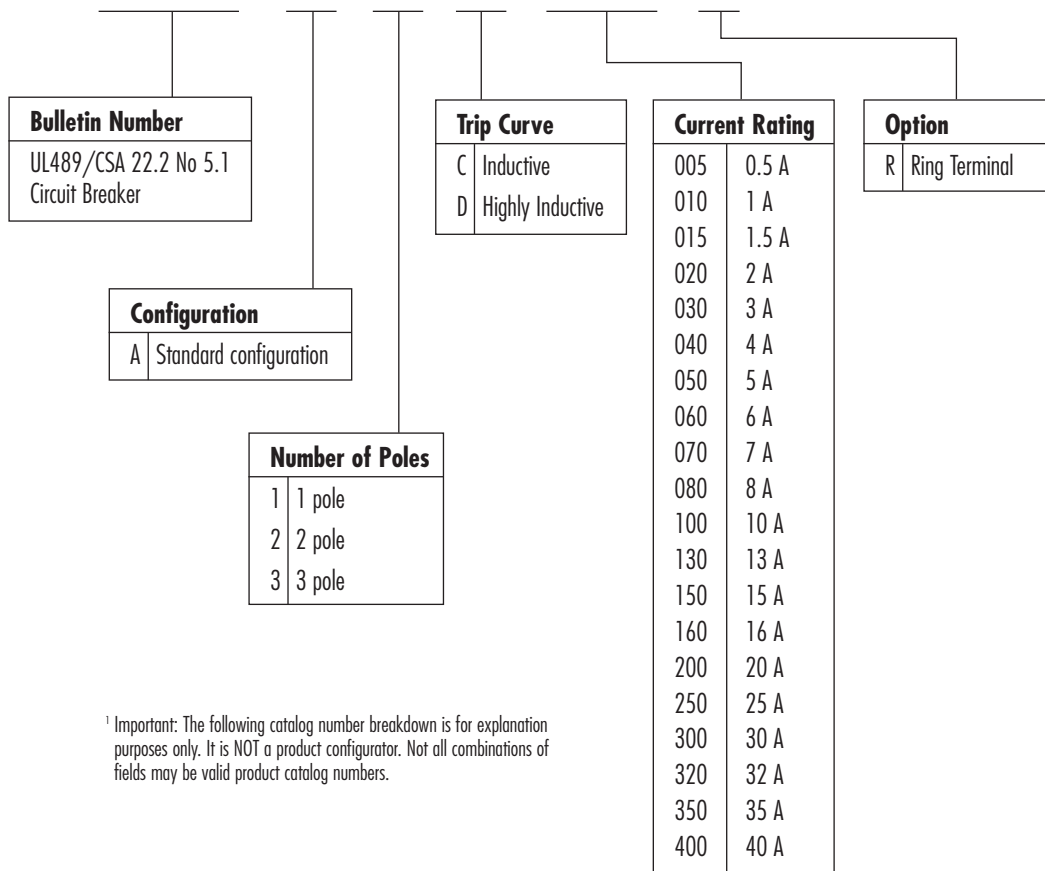
415 VAC 0.5 ... 40 A

UL489 IEC 60
CSA 22.2

SPECIFICATION OVERVIEW

Bulletin 1489	
Number of Poles	1-, 2- and 3-pole
Specification/listing/certification	UL489, CSA 22.2 No. 5.1 IEC 60 947-2
Approvals	UL Listed Circuit Breaker (File Number E197878) CSA Certified, VDE Approved MCB, CE
HACR rating (US/Canada))	Yes
SWD rating (US/Canada)	Yes (all current ratings < 20 A)
Calibration Temperature	40° C
Rated Interrupting Capability	UL/CSA – 10,000 AIC IEC – (Icu) – 10,000 A
Rated Tripping Current	UL/CSA 0.5 ... 20 A 480Y/277 VAC 0.5 ... 40 A 240 VAC IEC 0.5 ... 40 A 415 VAC
Degree of Protection	Finger-safe from front (IP20 per IEC 529 from Front - IP00 at wire terminals)
Normal Operating Environment	-25° C ... +55° C (non-condensing)
Trip Curves	C Curve (Inductive) 5 ... 10 In D Curve Highly Inductive 10 ... 20 In

1489¹ - A 1 C 050 R



¹ Important: The following catalog number breakdown is for explanation purposes only. It is NOT a product configurator. Not all combinations of fields may be valid product catalog numbers.

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