## UL 489 DIN rail branch circuit breakers

# FAZ-NA circuit breakers PRODUCT OVERVIEW

## **Optimum and efficient protection**



Optimum product quality, tested reliability and safety stand for best protection of personnel, installations and plant. Eaton's FAZ-NA DIN rail mountable circuit breaker is designed for use in branch service applications.

## Powerful offering for machine and system builders

The FAZ-NA is available with B, C and D characteristics in accordance with UL® 489, CSA® C22.2 No.5; UL 1077, CSA C22.2 No.235 and IEC 60947-2. These devices are CE marked.

### **Typical applications**

Feeder and branch circuit protection

- · Convenience receptacle circuits (internal/external)
- · Motor control circuits
- · Load circuits leaving the equipment (external)
- HACR equipment (heating, air conditioning, refrigeration) (internal/external)
- PLC I/O points
- Computers
- Power supplies
- · Control instrumentation
- Relays
- UPS
- · Power conditioners

### **Features**

- Complete range of UL 489 listed DIN rail mounted miniature circuit breakers up to 40A current rating
- Standard ratings of 10 kAIC up to 277/480 Vac
- Select amperages available at 14 kAIC up to 277/480 Vac and 10 kAIC up to 125 Vdc per pole
- Current limiting design provides fast short-circuit interruption that reduces the let-through energy, which can damage the circuit

- Suitable for branch circuit device protection
- · Thermal-magnetic overcurrent protection
  - Three levels of short-circuit protection, categorized by B, C and D curves
- Trip-free design—breaker can not be defeated by holding the handle in the ON position
- · Captive screws cannot be lost
- SWD (switching duty)—suitable for switching fluorescent lighting loads ( $I_a \le 20A$ )
- Fulfill UL 489, CSA C22.2 No.5 and also IEC 60947-2 Standard
- For use in applications for which UL 1077 or CSA C22.2 No.235 are also allowed
- Field installable shunt trip and auxiliary switch subsequent mounting
- Separate version for ring-tongue connection (Type FAZ-RT), terminal screws can be removed (on both sides)
- · Module width of only 17.7 mm (per pole)
- Contact Position Indicator (red/green)
- Easy installation on DIN rail
- Possibility for sealing the toggle in ON or OFF position

## FAZ-NA complies with the latest national and international standards

## Standards—Feeder and Branch Circuit Protection

### UL 489

Standard for molded case circuit breakers (MCCB) for feeder and branch circuit protection.

Products meet the requirements of the National Electrical Code® (NEC®).



### CSA C22.2 No.5

Standard for molded case circuit breakers (MCCB) for feeder and branch circuit protection (corresponds closely to UL 489 Standard).

Products meet the requirements of the Canadian Electrical Code (CEC).



## RoHS

These devices are RoHS compliant.



### **VDE**

These devices are VDE compliant.



### ABS

These devices are ABS compliant.



## UL 489 DIN rail branch circuit breakers

FAZ-NA circuit breakers
PRODUCT OVERVIEW

## **Tripping curves to choose from**

Eaton FAZ-NA branch circuit breakers are available with "B," "C" and "D" tripping characteristics. B-curve devices are suitable for applications where low levels of inrush current are expected.

C-curve devices are suitable for applications where medium levels of inrush current are expected. Applications include small transformers, lighting, pilot devices, control circuits and coils. C-curve devices provide a medium magnetic trip point.

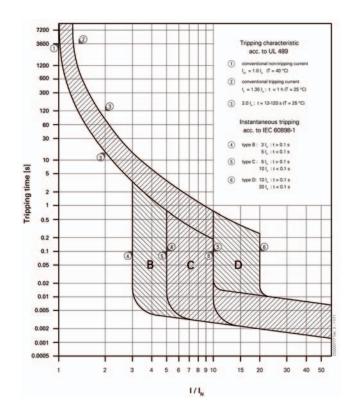
D-curve devices are suitable for applications where high levels of inrush current are expected. The high magnetic trip point prevents nuisance tripping in high inductive applications such as motors, transformers and power supplies.

Eaton FAZ-NA devices are current limiting, which means they interrupt fault currents within one half cycle of the fault. Current limiting devices offer superior protection by reducing peak let-through current and energy.

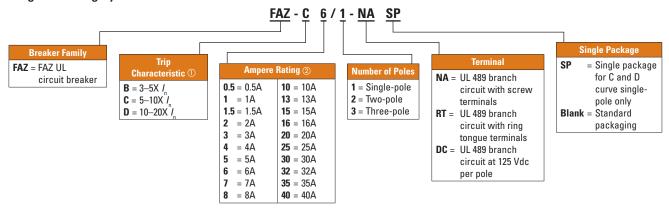
## Device printing on front and side

Installation options

These branch circuit breakers are available in two terminal configurations: standard box terminals that accept multiple conductors and ring-tongue terminals, ideally suited to demanding requirements of the semi-conductor industry. All breakers mount on standard 35 mm DIN rail. Bus connectors and feeder terminal facilitate mounting and wiring of multiple miniature circuit breaker arrays in control panel assemblies. These circuit breakers can also be reverse feed.



## **Catalog Numbering System**



- ①  $I_{i}$  = Rated current for instantaneous trip characteristics.
- ② B curve starts at 1 ampere.

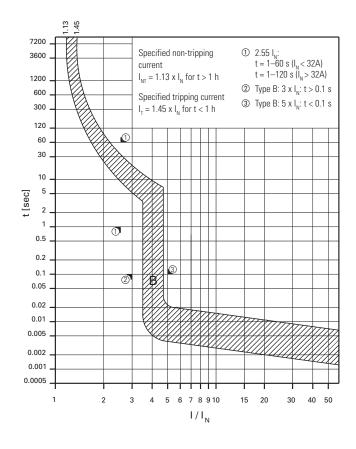
## UL 489 DIN rail branch circuit breakers

## FAZ-NA circuit breakers

## PRODUCT SELECTION

## **FAZ-NA** product selection

- UL approved (UL 489) and CSA Certified (CSA C22.2 No.5-02) as branch circuit breakers
- Interrupting capacity: 10 kA UL/CSA; 15 kA IEC 60947-2
- · Current limiting device
- UL file number E235139



## FAZ-NA UL 489 Circuit Breakers — 10 kAIC, 14 kAIC B Curve (15–25A)







	Single-pole ①	Two-pole	Three-pole			
Amperes	Catalog Number	Catalog Number	Catalog Number			
B Curve (3–5X /, Current Rating)						
1	FAZ-B1/1-NA	FAZ-B1/2-NA	FAZ-B1/3-NA			
1.5	FAZ-B1.5/1-NA	FAZ-B1.5/2-NA	FAZ-B1.5/3-NA			
2	FAZ-B2/1-NA	FAZ-B2/2-NA	FAZ-B2/3-NA			
3	FAZ-B3/1-NA	FAZ-B3/2-NA	FAZ-B3/3-NA			
4	FAZ-B4/1-NA	FAZ-B4/2-NA	FAZ-B4/3-NA			
5	FAZ-B5/1-NA	FAZ-B5/2-NA	FAZ-B5/3-NA			
6	FAZ-B6/1-NA	FAZ-B6/2-NA	FAZ-B6/3-NA			
7	FAZ-B7/1-NA	FAZ-B7/2-NA	FAZ-B7/3-NA			
8	FAZ-B8/1-NA	FAZ-B8/2-NA	FAZ-B8/3-NA			
10	FAZ-B10/1-NA	FAZ-B10/2-NA	FAZ-B10/3-NA			
13	FAZ-B13/1-NA	FAZ-B13/2-NA	FAZ-B13/3-NA			
15	FAZ-B15/1-NA	FAZ-B15/2-NA	FAZ-B15/3-NA			
16	FAZ-B16/1-NA	FAZ-B16/2-NA	FAZ-B16/3-NA			
20	FAZ-B20/1-NA	FAZ-B20/2-NA	FAZ-B20/3-NA			
25	FAZ-B25/1-NA	FAZ-B25/2-NA	FAZ-B25/3-NA			
30	FAZ-B30/1-NA	FAZ-B30/2-NA	FAZ-B30/3-NA			
32	FAZ-B32/1-NA	FAZ-B32/2-NA	FAZ-B32/3-NA			
35 ②	FAZ-B35/1-NA	FAZ-B35/2-NA	FAZ-B35/3-NA			
40 ②	FAZ-B40/1-NA	FAZ-B40/2-NA	FAZ-B40/3-NA			

① Two-piece order. Quantities of two per box.

FAZ-RT UL 489 Circuit Breakers with Ring-Tongue Terminals – 10 kAIC, 14 kAIC B Curve (15–25A)



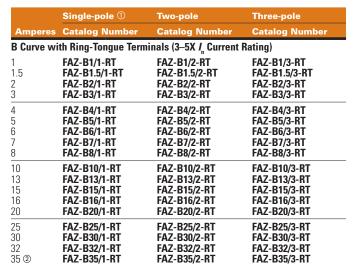
FAZ-B40/1-RT

40 ②





FAZ-B40/3-RT



FAZ-B40/2-RT

<sup>2 240</sup> Vac rated only.

FAZ circuit breakers
PRODUCT OVERVIEW

## **Optimum and efficient protection**



Optimum product quality, tested reliability and safety stand for best protection of personnel, installations and plant. Eaton's FAZ DIN rail mountable circuit breaker is designed for use in control panel applications.

## Powerful offering for machine and system builders

The FAZ is available with B, C, D, K, S, and Z characteristics in accordance with UL 1077, CSA C22.2 No.235 and IEC 60947-2. These devices are CE marked.

### **Typical applications**

Supplementary protection

- · Control circuits
- Lighting
- · Business equipment
- Appliances

#### **Features**

- Complete range of UL 1077 recognized DIN rail mounted miniature circuit breakers up to 63A current rating
- Standard ratings of 10 kAIC up to 277/480 Vac
- Current limiting design provides fast short-circuit interruption that reduces the let-through energy, which can damage the circuit
- Suitable for supplementary protection
- Thermal-magnetic overcurrent protection
  - Six levels of short-circuit protection, categorized by B, C, D, K, S, and Z curves
- Trip-free design—breaker can not be defeated by holding the handle in the ON position
- · Captive screws cannot be lost
- Fulfill UL 1077, CSA C22.2 No.235 and also IEC 60947-2 Standard
- Field-installable shunt trip and auxiliary switch subsequent mounting
- · Module width of only 17.7 mm (per pole)
- Contact position indicator (red/green)
- · Easy installation on DIN rail
- Possibility for sealing the toggle in ON or OFF position

## FAZ complies with the latest national and international standards

## Standards-Supplementary Protection

## UL 1077, CSA C22.2 No. 235

Apply to supplementary protectors intended for use as overcurrent, or overvoltage or undervoltage protection within an appliance or other electrical equipment where branch circuit protection is already provided, or is not required.



## RoHS

These devices are RoHS compliant.



### **VDE**

Devices with B, C, and D curves are VDE compliant.



### CCC

Devices with B, C, and D curves are CCC compliant.



## ABS

These devices are ABS compliant.



17

# FAZ circuit breakers PRODUCT OVERVIEW

## Discover these advanced features

Breakers install on standard DIN rail

Available in one-, two-, three-, four-pole, 1+N and 3+N models

Color-coded indicator provides breaker status for easy troubleshooting



Captive Posidrive terminal screws with finger and back-of-hand protection (IP20)

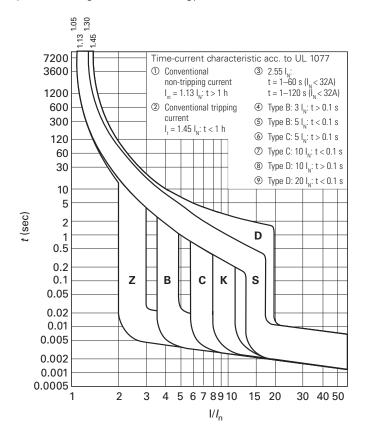
Trip-free design; breaker cannot be defeated by holding the handle in the ON position

Breaker information printed on the front of the device for quick identification

## Six tripping curves to choose from

Eaton FAZ supplementary protectors are available with six different tripping characteristics, including Type B, C, D, K, S, and Z. Definitions for each trip curve are contained on the ordering pages and can be used to determine the optimal characteristic for your application. For example, low-level short-circuit faults in control wiring, such as PLCs, are best protected by devices with Type B trip characteristics (3–5X continuous rating of the device (/<sub>c</sub>).

Even though not required by NEC or CEC for supplementary protectors, Eaton's FAZ devices are current limiting, which means that they interrupt fault currents within one half cycle. Current limiting devices offer superior protection by reducing peak let-through current and energy.



## Catalog Numbering System

<u>6</u> / 1 FAZ - C Single Package **Breaker Family Number of Poles** Trip = Single packaging of FAZ = Supplementary **Ampere Rating** Characteristic 1 = Single-pole 4 = Four-pole single-pole curve B, C and protector 0.5 = 0.5A**13** = 13A **B** =  $3-5X I_n$  ① 1N = 1 + neutralD for select amperes only 2 = Two-pole **1** = 1A 15 = 15A $C = 5-10X I_0$ Blank = Standard packaging 3 = Three-pole 3N = 3 + neutral $\mathbf{D} = 10 - 20 \, \text{N}^{"} I_{n} \, \text{ }$ 2 = 2A16 = 16A20 = 20A $K = 8-12X I_n$  ① 3 = 3A4 = 4A **25** = 25A  $S = 13-17X I_n$  ① 5 = 5A**30** = 30A  $Z = 2-3X I_n$  ① 6 = 6A 32 = 32A= 7A **40** = 40A 7 8 = 8A 50 = 50A**10** = 10A 63 = 63A

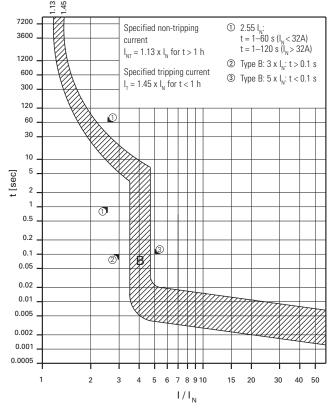
① I = Rated current for instantaneous trip characteristics.

FAZ circuit breakers
PRODUCT SELECTION

## FAZ product selection — B curve (3–5X I current rating)

- · Designed for resistive or slightly inductive loads
- Response time of instantaneous trip: 3–5X / current rating
- UL recognized and CSA Certified as supplementary protectors
- For international and domestic use (conform to IEC 60947-2)
- UL file number 177451

Suitable for applications where protection against low-level short-circuit faults in control wiring is desired. Instantaneous trip is 3-5X continuous rating of device ( $I_n$ ). Applications include PLC wiring, business equipment, lighting, appliances and some motors. Low magnetic trip point.



## B Curve (3-5X I Current Rating) - designed for resistive or slightly inductive loads ①













	Single-pole ②	Two-pole	Three-pole	Four-pole	Single-pole + Neutral	Three-pole + Neutral
Amperes	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1	FAZ-B1/1-SP	FAZ-B1/2	FAZ-B1/3	FAZ-B1/4	FAZ-B1/1N	FAZ-B1/3N
2	FAZ-B2/1-SP	FAZ-B2/2	FAZ-B2/3	FAZ-B2/4	FAZ-B2/1N	FAZ-B2/3N
<u></u>	FAZ-B3/1-SP	FAZ-B3/2	FAZ-B3/3	FAZ-B3/4	FAZ-B3/1N	FAZ-B3/3N
4	FAZ-B4/1-SP	FAZ-B4/2	FAZ-B4/3	FAZ-B4/4	FAZ-B4/1N	FAZ-B4/3N
5	FAZ-B5/1-SP	FAZ-B5/2	FAZ-B5/3	FAZ-B5/4	FAZ-B5/1N	FAZ-B5/3N
6	FAZ-B6/1-SP	FAZ-B6/2	FAZ-B6/3	FAZ-B6/4	FAZ-B6/1N	FAZ-B6/3N
<del></del> 7	FAZ-B7/1-SP	FAZ-B7/2	FAZ-B7/3	FAZ-B7/4	FAZ-B7/1N	FAZ-B7/3N
8	FAZ-B8/1-SP	FAZ-B8/2	FAZ-B8/3	FAZ-B8/4	FAZ-B8/1N	FAZ-B8/3N
10	FAZ-B10/1-SP	FAZ-B10/2	FAZ-B10/3	FAZ-B10/4	FAZ-B10/1N	FAZ-B10/3N
12	FAZ-B12/1-SP	FAZ-B12/2	FAZ-B12/3	FAZ-B12/4	FAZ-B12/1N	FAZ-B12/3N
13	FAZ-B13/1-SP	FAZ-B13/2	FAZ-B13/3	FAZ-B13/4	FAZ-B13/1N	FAZ-B13/3N
15	FAZ-B15/1-SP	FAZ-B15/2	FAZ-B15/3	FAZ-B15/4	FAZ-B15/1N	FAZ-B15/3N
16	FAZ-B16/1-SP	FAZ-B16/2	FAZ-B16/3	FAZ-B16/4	FAZ-B16/1N	FAZ-B16/3N
20	FAZ-B20/1-SP	FAZ-B20/2	FAZ-B20/3	FAZ-B20/4	FAZ-B20/1N	FAZ-B20/3N
25	FAZ-B25/1-SP	FAZ-B25/2	FAZ-B25/3	FAZ-B25/4	FAZ-B25/1N	FAZ-B25/3N
30	FAZ-B30/1-SP	FAZ-B30/2	FAZ-B30/3	FAZ-B30/4	FAZ-B30/1N	FAZ-B30/3N
32	FAZ-B32/1-SP	FAZ-B32/2	FAZ-B32/3	FAZ-B32/4	FAZ-B32/1N	FAZ-B32/3N
40	FAZ-B40/1-SP	FAZ-B40/2	FAZ-B40/3	FAZ-B40/4	FAZ-B40/1N	FAZ-B40/3N
50	FAZ-B50/1-SP	FAZ-B50/2	FAZ-B50/3	FAZ-B50/4	FAZ-B50/1N	FAZ-B50/3N
63	FAZ-B63/1-SP	FAZ-B63/2	FAZ-B63/3	FAZ-B63/4	FAZ-B63/1N	FAZ-B63/3N

① In North America, these switches are UL recognized and CSA Certified as supplementary protection devices. Per the intent of NEC (National Electrical Code), Article 240, and CEC (Canadian Electrical Code), Part 1 C22.1, supplementary breakers cannot be used as a substitute for the branch circuit protective device. They can be used to provide overcurrent protection within an appliance or other electrical equipment where branch circuit overcurrent protection is already provided, or is not required.

19

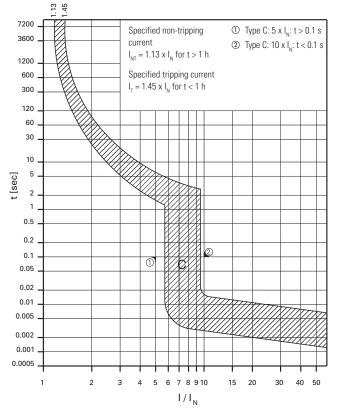
② Option for single packaging on single-pole B, C and D curves only; add suffix SP when ordering.

# FAZ circuit breakers PRODUCT SELECTION

## FAZ product selection — C curve (5–10X I current rating)

- · Designed for inductive loads
- Response time of instantaneous trip: 5–10X I<sub>2</sub> current rating
- UL recognized and CSA Certified as supplementary protectors
- For international and domestic use (conform to IEC 60947-2)
- UL file number 177451

Suitable for applications where medium levels of inrush current are expected. Instantaneous trip is 5–10X rating of device  $(I_n)$ . Applications include small transformers, lighting, pilot devices, control circuits, and coils. Medium magnetic trip point.



## C Curve (5–10X I current rating)—designed for inductive loads ①













			W. W.	0, 0, 0,		
	Single-pole ②	Two-pole	Three-pole	Four-pole	Single-pole + Neutral	Three-pole + Neutral
Amperes	Catalog Number	Catalog Number				
0.5	FAZ-C0.5/1-SP	FAZ-C0.5/2	FAZ-C0.5/3	FAZ-C0.5/4	FAZ-C0.5/1N	FAZ-C0.5/3N
1	FAZ-C1/1-SP	FAZ-C1/2	FAZ-C1/3	FAZ-C1/4	FAZ-C1/1N	FAZ-C1/3N
1.6	FAZ-C1.6/1-SP	FAZ-C1.6/2	FAZ-C1.6/3	FAZ-C1.6/4	FAZ-C1.6/1N	FAZ-C1.6/3N
2	FAZ-C2/1-SP	FAZ-C2/2	FAZ-C2/3	FAZ-C2/4	FAZ-C2/1N	FAZ-C2/3N
3	FAZ-C3/1-SP	FAZ-C3/2	FAZ-C3/3	FAZ-C3/4	FAZ-C3/1N	FAZ-C3/3N
4	FAZ-C4/1-SP	FAZ-C4/2	FAZ-C4/3	FAZ-C4/4	FAZ-C4/1N	FAZ-C4/3N
5	FAZ-C5/1-SP	FAZ-C5/2	FAZ-C5/3	FAZ-C5/4	FAZ-C5/1N	FAZ-C5/3N
6	FAZ-C6/1-SP	FAZ-C6/2	FAZ-C6/3	FAZ-C6/4	FAZ-C6/1N	FAZ-C6/3N
7	FAZ-C7/1-SP	FAZ-C7/2	FAZ-C7/3	FAZ-C7/4	FAZ-C7/1N	FAZ-C7/3N
8	FAZ-C8/1-SP	FAZ-C8/2	FAZ-C8/3	FAZ-C8/4	FAZ-C8/1N	FAZ-C8/3N
10	FAZ-C10/1-SP	FAZ-C10/2	FAZ-C10/3	FAZ-C10/4	FAZ-C10/1N	FAZ-C10/3N
13	FAZ-C13/1-SP	FAZ-C13/2	FAZ-C13/3	FAZ-C13/4	FAZ-C13/1N	FAZ-C13/3N
15	FAZ-C15/1-SP	FAZ-C15/2	FAZ-C15/3	FAZ-C15/4	FAZ-C15/1N	FAZ-C15/3N
16	FAZ-C16/1-SP	FAZ-C16/2	FAZ-C16/3	FAZ-C16/4	FAZ-C16/1N	FAZ-C16/3N
20	FAZ-C20/1-SP	FAZ-C20/2	FAZ-C20/3	FAZ-C20/4	FAZ-C20/1N	FAZ-C20/3N
25	FAZ-C25/1-SP	FAZ-C25/2	FAZ-C25/3	FAZ-C25/4	FAZ-C25/1N	FAZ-C25/3N
30	FAZ-C30/1-SP	FAZ-C30/2	FAZ-C30/3	FAZ-C30/4	FAZ-C30/1N	FAZ-C30/3N
32	FAZ-C32/1-SP	FAZ-C32/2	FAZ-C32/3	FAZ-C32/4	FAZ-C32/1N	FAZ-C32/3N
40	FAZ-C40/1-SP	FAZ-C40/2	FAZ-C40/3	FAZ-C40/4	FAZ-C40/1N	FAZ-C40/3N
50	FAZ-C50/1-SP	FAZ-C50/2	FAZ-C50/3	FAZ-C50/4	FAZ-C50/1N	FAZ-C50/3N
63	FAZ-C63/1-SP	FAZ-C63/2	FAZ-C63/3	FAZ-C63/4	FAZ-C63/1N	FAZ-C63/3N

① In North America, these switches are UL recognized and CSA Certified as supplementary protection devices. Per the intent of NEC (National Electrical Code), Article 240, and CEC (Canadian Electrical Code), Part 1 C22.1, supplementary breakers cannot be used as a substitute for the branch circuit protective device. They can be used to provide overcurrent protection within an appliance or other electrical equipment where branch circuit overcurrent protection is already provided, or is not required.

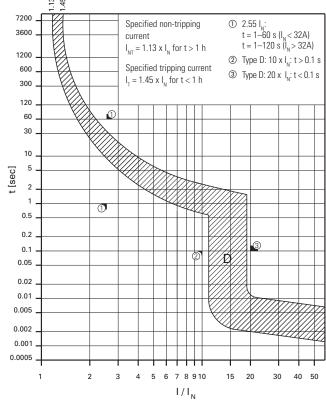
② Option for single packaging on single-pole B, C and D curves only; add suffix SP when ordering.

FAZ circuit breakers
PRODUCT SELECTION

## FAZ product selection – D curve (10–20X I<sub>n</sub> current rating)

- · Designed for highly inductive loads
- Response time of instantaneous trip: 10–20X / current rating
- UL recognized and CSA Certified as supplementary protectors
- For international and domestic use (conform to IEC 60947-2)
- UL file number 177451

Suitable for applications where high levels of inrush current are expected. Instantaneous trip is 10-20X rating of device  $(I_n)$ . The high magnetic trip point prevents nuisance tripping in high inductive applications such as motors, transformers and power supplies.



## D Curve (10-20X I current rating)—designed for inductive loads ①













	Single-pole ②	Two-pole	Three-pole	Four-pole	Single-pole + Neutral	Three-pole + Neutra
Amperes	Catalog Number	Catalog Number				
.5	FAZ-D0.5/1-SP	FAZ-D0.5/2	FAZ-D0.5/3	FAZ-D0.5/4	FAZ-D0.5/1N	FAZ-D0.5/3N
	FAZ-D1/1-SP	FAZ-D1/2	FAZ-D1/3	FAZ-D1/4	FAZ-D1/1N	FAZ-D1/3N
	FAZ-D2/1-SP	FAZ-D2/2	FAZ-D2/3	FAZ-D2/4	FAZ-D2/1N	FAZ-D2/3N
	FAZ-D3/1-SP	FAZ-D3/2	FAZ-D3/3	FAZ-D3/4	FAZ-D3/1N	FAZ-D3/3N
	FAZ-D4/1-SP	FAZ-D4/2	FAZ-D4/3	FAZ-D4/4	FAZ-D4/1N	FAZ-D4/3N
	FAZ-D5/1-SP	FAZ-D5/2	FAZ-D5/3	FAZ-D5/4	FAZ-D5/1N	FAZ-D5/3N
	FAZ-D6/1-SP	FAZ-D6/2	FAZ-D6/3	FAZ-D6/4	FAZ-D6/1N	FAZ-D6/3N
	FAZ-D7/1-SP	FAZ-D7/2	FAZ-D7/3	FAZ-D7/4	FAZ-D7/1N	FAZ-D7/3N
	FAZ-D8/1-SP	FAZ-D8/2	FAZ-D8/3	FAZ-D8/4	FAZ-D8/1N	FAZ-D8/3N
)	FAZ-D10/1-SP	FAZ-D10/2	FAZ-D10/3	FAZ-D10/4	FAZ-D10/1N	FAZ-D10/3N
3	FAZ-D13/1-SP	FAZ-D13/2	FAZ-D13/3	FAZ-D13/4	FAZ-D13/1N	FAZ-D13/3N
5	FAZ-D15/1-SP	FAZ-D15/2	FAZ-D15/3	FAZ-D15/4	FAZ-D15/1N	FAZ-D15/3N
3	FAZ-D16/1-SP	FAZ-D16/2	FAZ-D16/3	FAZ-D16/4	FAZ-D16/1N	FAZ-D16/3N
)	FAZ-D20/1-SP	FAZ-D20/2	FAZ-D20/3	FAZ-D20/4	FAZ-D20/1N	FAZ-D20/3N
5	FAZ-D25/1-SP	FAZ-D25/2	FAZ-D25/3	FAZ-D25/4	FAZ-D25/1N	FAZ-D25/3N
)	FAZ-D30/1-SP	FAZ-D30/2	FAZ-D30/3	FAZ-D30/4	FAZ-D30/1N	FAZ-D30/3N
2	FAZ-D32/1-SP	FAZ-D32/2	FAZ-D32/3	FAZ-D32/4	FAZ-D32/1N	FAZ-D32/3N
)	FAZ-D40/1-SP	FAZ-D40/2	FAZ-D40/3	FAZ-D40/4	FAZ-D40/1N	FAZ-D40/3N
] ③	FAZ-D50/1-SP	FAZ-D50/2	FAZ-D50/3	FAZ-D50/4	FAZ-D50/1N	FAZ-D50/3N
3 ③	FAZ-D63/1-SP	FAZ-D63/2	FAZ-D63/3	FAZ-D63/4	FAZ-D63/1N	FAZ-D63/3N

① In North America, these switches are UL recognized and CSA Certified as supplementary protection devices. Per the intent of NEC (National Electrical Code), Article 240, and CEC (Canadian Electrical Code), Part 1 C22.1, supplementary breakers cannot be used as a substitute for the branch circuit protective device. They can be used to provide overcurrent protection within an appliance or other electrical equipment where branch circuit overcurrent protection is already provided, or is not required.

<sup>2</sup> Option for single packaging on single-pole B, C and D curves only; add suffix SP when ordering.

③ IEC 60947-2 only.