



**CRI CIRCUIT PROTECTION PRODUCTS, LLC.**

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## CLASS 1, DIVISION 2 CIRCUIT BREAKERS

- ✓ Class 1; Division 2; Groups A, B, C, and D T6 Rating Airpax 1pole Sealed Circuit Breakers installed in a Polyamide Housing suitable for DIN Rail Mounting.
- ✓ Circuit Breakers are available in in the following amperages: 1, 2, 3, 5, 7.5, 10, 15, and 20
- ✓ 1A, 2A, 3A, 5A and 7.5A Circuit Breakers are rated for up to 240VAC and 50VDC. 10A and 15A are rated for up to 120VAC and 50 VDC. The 20A Circuit Breaker is rated for up to 50VDC only.



**Our Standard Product uses the Delay Curves shown below.**

Other delay curves are available.

### TRIP CURVE INFORMATION

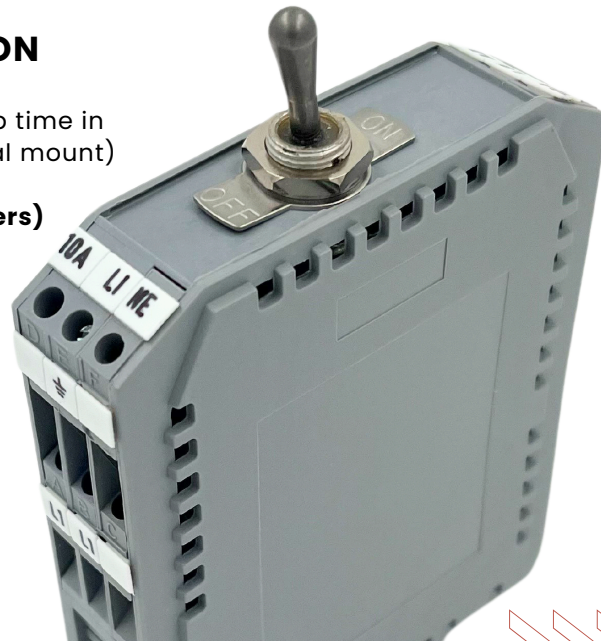
Percentage of rated current vs. trip time in seconds at +25 degrees C (Vertical mount)

#### Delay 71 Curve (1 to 15 amp Breakers)

100% = No Trip  
125% = 0.200 to 7.0  
200% = 0.055 to 0.95  
400% = 0.010 to 0.24  
800% = 0.005 to 0.08

#### Delay 51 Curve (20 amp Breaker)

100% = No Trip  
125% = 0.400 to 4.0  
200% = 0.060 to 0.60  
400% = 0.01 to 0.20  
800% = 0.005 to 0.035



distributed by **Industrial Equipment Company**

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## CUSTOM OPTIONAL FEATURES



Our circuit breaker housings are grey as a standard. However, they can also be supplied in orange or blue, as shown in the picture to the left. Note: This is the outer side cover only.

The breakers come standard with the "On Off" Toggle style handle in a housing suitable for DIN Rail mounting.

We have two optional switch guards available as shown on the other side, Black (p/n 8492K1) and Stainless Steel (p/n CRISG).

## Approvals

The complete assembly is FM approved nonincendive for Class I, Div. 2, Groups A, B, C, D hazardous locations File #3054896.

The Airpax breakers that we mount in the DIN Rail housings also carry the following approvals: FM File #3018851 UL 1077 File #E66 410 CSA 22.2 No. 235 File #LR26220

## Features

- Electrical Characteristics of the Housing AWG Screw Clamp (20 to 12 AWG) (0 to 2.5mm STR) Wire stripping length 7mm Screw driver 3.5mm
- Mechanical Characteristics of the Housing Body Polyamide UL 94.V2 Working temperature 40 to +100 degrees C
- The Housing is to be mounted on DIN Rail EN50022 35 X 7.5 or 35 X 15 (Steel or Aluminum) or 35 Elevated Aluminum Rail.
- The housing provides two parallel line and two parallel load terminations. All circuit breakers also have Ground terminations. Marking Tags are provided.
- Dimensions 4.75" (H) X 3.00" (W) X 1.00" (D)

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## PART NUMBERS

CRIAPBM1 (1A,240VAC/50VDC)  
CRIAPBM2 (2A,240VAC/50VDC)  
CRIAPBM3 (3A,240VAC/50VDC)  
CRIAPBM5 (5A,240VAC/50VDC)

CRIAPBM7.5 (7.5A,240VAC/50VDC)  
CRIAPBM10 (10A,120VAC/50VDC)  
CRIAPBM15 (15A,120VAC/50VDC)  
CRIAPBM20 (20A,50VDC)