

**Industrial Ethernet
IE-FCI-PWCB-3A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 1429-0

Fax: +49 5231 14292083

www.weidmueller.com



FrontCom® Vario integrates multiple functions in only one single frame. The system is easy to install and you can select from a wide range of data, signal and power modules. In addition to being extremely compact, FrontCom® Vario offers a number of unique product features that will make your project planning and work activities secure, fast and future-proof. Furthermore, the FrontCom® Vario system has an attractive housing design that, by the way, offers highest impact-resistance and fully meets the requirements of IP 65 protection class.

General ordering data

Type	IE-FCI-PWCB-3A
Order No.	1543690000
Version	FrontCom, Fuse, Fuse insert
GTIN (EAN)	4050118348859
Qty.	1 pc(s).

Data sheet

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Technical data

Dimensions and weights

Net weight 10 g

Temperatures

Operating temperature _____ Storage temperature _____
 Installation temperature _____

General data

Insert type Fuse insert Product type Fuse

Standards

Certificate No. (GERMLLOYD) 13866-15 Certificate No. (UR) E479289

Technical data

Type of connection	Flat-blade receptacles 6.5 mm	Operating voltage	32 V DC, 250 V AC
Rated current	3 A	Frequency	50 / 60 Hz
Current-carrying capacity	1.5 kV _{eff}	Resistance	0,069 Ω typ.

Downloads

GL Approval Guidelines GL_FrontCom.pdf

Classifications

ETIM 5.0	EC001123	ETIM 6.0	EC001121
UNSPSC	31-16-23-03	eClass 6.2	27-26-12-90
eClass 7.1	27-18-92-17	eClass 8.1	27-44-02-90
eClass 9.0	27-44-02-90	eClass 9.1	27-44-09-90

Approvals

Approvals



ROHS Conform

Characteristics

3 Amps circuit breaker

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Push to Reset
 Fuseholder-Type
 Thermal P & B Circuit Breaker



Features

- Push to reset.
- Approved to many international standards.
- Replaces slow blow glass cartridge fuse.
- Labor-saving snap-in mounting.
- Button extends for visual trip indication.

Agency Approvals

UL 1077 Recognized as Supplementary Protectors, File E69543, and CSA Accepted as Supplementary Protectors (Appliance Component Protectors), File LR15734.
 VDE approved for use in office equipment (AC loads only) and provides 8mm isolation.

Users should thoroughly review the technical data before selecting a product part number. It is recommended that users also seek out the pertinent approvals files of the agencies/laboratories and review them to confirm the product meets the requirements for a given application.

Resettable Overload Capacity: Ten times rated current

Reset Time: 5 to 30 seconds

Typical Resistance vs. Current Rating @ +25°C

Current Rating in Amps	Typical Resistance in Ohms
3.0	0.069

Electrical Data @ 25°C

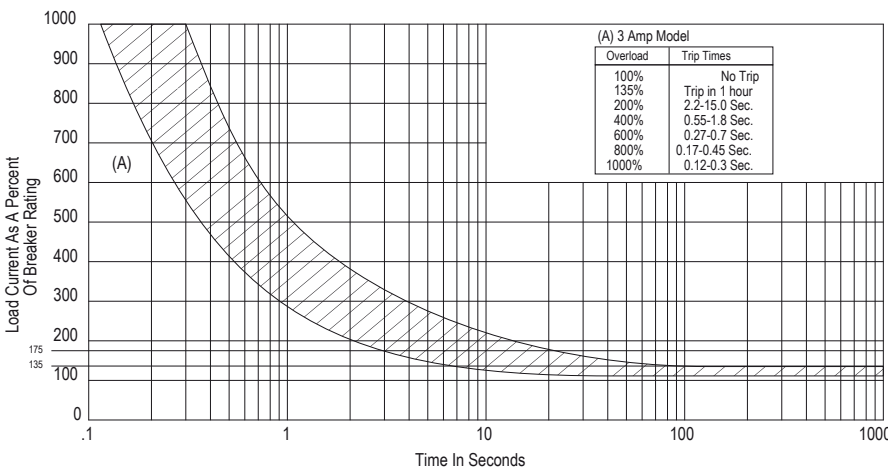
Calibration: Will continuously carry 100% of rating. may trip between 101% and 134%, but must trip at 135% of rating within one hour at +25°C.

Dielectric Strength: Over 1,500 volts RMS.
Maximum Operating Voltages: 32VDC; 250VAC, 50/60 Hz.
Interrupt Capacity: 1,000 amps at 250VAC, 50/60 Hz. and 32VDC in accordance with UL standard 1077.

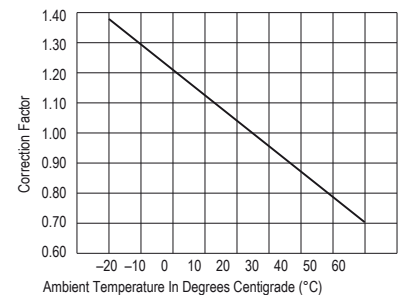
Mechanical/Environmental Data

Termination: 250" (6.35mm) quick connects. Soldering to terminals is not recommended.
Mounting: Snaps into panel from front. See Recommended Panel Cutouts.
Approximate Weight: 0.35 oz. (10g).

Time vs. Current Trip Curve @ +25°C



Ambient Compensation Chart

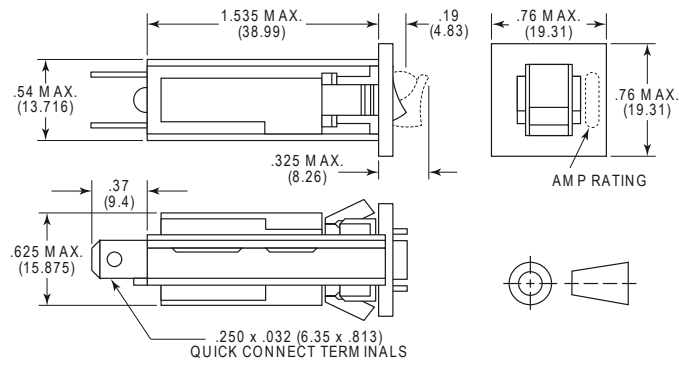


To use this chart: Read up from the ambient temperature to the curve, and across to find a correction factor. Multiply the breaker rating by the correction factor to determine the compensated rating. Calculate the overloads in terms of the compensated rating to use the published trip curve. Do not use these devices outside their specified operating temperature ranges.

3 Amps cicuit breaker

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Outline Dimensions
 Push-to-Reset Type



- Notes:
- Soldering to terminals is not recommended.
 - Recommended Panel Thickness: Style Q: .032" - .062" (.813 mm - 1.574 mm)
 Style T: .075" - .105" (1.905 mm - 2.667 mm)
 - Internal tooth push-on washer available for panel thickness not covered above.

Recommended Panel Cutouts

