

# Specifications

## Eaton 070108



Eaton xEnergy Safety Ci LV systems LV switchgear. Space unit rail with terminal for fuse enclosure tab RS18/I43, 2x 2.5-35 and 12x 1.5-16mm<sup>2</sup>

### General specifications

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton xEnergy Safety Ci N + PE/N rail |
| <b>CATALOG NUMBER</b>       | 070108                                |
| <b>MODEL CODE</b>           | PEN43RS18                             |
| <b>EAN</b>                  | 4015080701088                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 50 mm                                 |
| <b>PRODUCT HEIGHT</b>       | 50 mm                                 |
| <b>PRODUCT WIDTH</b>        | 375 mm                                |
| <b>PRODUCT WEIGHT</b>       | 0.272 kg                              |
| <b>COMPLIANCES</b>          | RoHS conform                          |



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# Additional information

## FEATURES

Contact safe

## SUITABLE FOR

Useful for stranded  
conductors

## USED WITH

RS18/I43 (I44)  
SE-RS-I43 (I44)  
Ci insulated enclosure  
Modular busbar system  
Prepared enclosures

# Delivery programme

## ACCESSORY/SPARE PART TYPE

PE (PEN) busbars

## NOMINAL CURRENT

63 A

## NUMBER OF POLES

Single-pole

## TYPE

- Ci insulated enclosure
- Modular busbar system
- Prepared enclosures

## Technical data - mechanical

|                                                    |                     |
|----------------------------------------------------|---------------------|
| CONDUCTOR CROSS SECTION, INPUT - MAX               | 35 mm <sup>2</sup>  |
| CONDUCTOR CROSS SECTION, INPUT - MIN               | 2.5 mm <sup>2</sup> |
| CONDUCTOR CROSS SECTION, INPUT AWG - MAX           | 14 mm <sup>2</sup>  |
| CONDUCTOR CROSS SECTION, INPUT AWG - MIN           | 2 mm <sup>2</sup>   |
| CONDUCTOR CROSS SECTION, OUTPUT - MAX              | 16 mm <sup>2</sup>  |
| CONDUCTOR CROSS SECTION, OUTPUT - MIN              | 1.5 mm <sup>2</sup> |
| CONDUCTOR CROSS SECTION, OUTPUT AWG - MAX          | 16 mm <sup>2</sup>  |
| CONDUCTOR CROSS SECTION, OUTPUT AWG - MIN          | 6 mm <sup>2</sup>   |
| NUMBER OF CONNECTIONS (LESS THAN 6 MM SQUARED)     | 0                   |
| NUMBER OF CONNECTIONS (LESS THAN AWG 6)            | 0                   |
| NUMBER OF CONNECTIONS (GREATER THAN 25 MM SQUARED) | 2                   |
| NUMBER OF CONNECTIONS (GREATER THAN 250 KCMIL)     | 0                   |
| NUMBER OF CONNECTIONS (10 MM SQUARED)              | 0                   |
| NUMBER OF CONNECTIONS (16 MM SQUARED)              | 12                  |
| NUMBER OF CONNECTIONS (25 MM SQUARED)              | 0                   |
| NUMBER OF CONNECTIONS (250 KCMIL)                  | 0                   |
| NUMBER OF CONNECTIONS (AWG 2)                      | 0                   |
| NUMBER OF CONNECTIONS (AWG 4)                      | 0                   |
| NUMBER OF CONNECTIONS (AWG 4/0)                    | 0                   |

## Resources

|                           |                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------|
| BROCHURES                 | <a href="#">eaton-xenergy-safety-ci-subway-line-success-story-en-us.pdf</a>                         |
| CATALOGUES                | <a href="#">eaton-xenergy-ci-safety-catalog-ca015006en-en-us.pdf</a><br><a href="#">IL0713</a>      |
| INSTALLATION INSTRUCTIONS | <a href="#">eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf</a>                     |
| SYSTEM OVERVIEW           | <a href="#">eaton-insulated-boards-busbar-xenergy-safety-ci-pe-(pen-)rail-explosion-drawing.eps</a> |

|                                    |                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------|
| NUMBER OF CONNECTIONS (AWG 6)      | 0                                                                                               |
| NUMBER OF CONNECTIONS (TOTAL)      | 14                                                                                              |
| NUMBER OF INPUTS                   | 1                                                                                               |
| NUMBER OF OUTPUTS                  | 13                                                                                              |
| TERMINAL CAPACITY (SOLID WIRE)     | 1.5 mm <sup>2</sup> - 16 mm <sup>2</sup> (12x)<br>2.5 mm <sup>2</sup> - 35 mm <sup>2</sup> (2x) |
| TERMINAL CAPACITY (STRANDED CABLE) | 2.5 mm <sup>2</sup> - 25 mm <sup>2</sup> (2x)<br>1.5 mm <sup>2</sup> - 16 mm <sup>2</sup> (12x) |
| UNIT TYPE                          | Modular system                                                                                  |
| CONNECTION TYPE                    | Clamp<br>Screwing                                                                               |
| MOUNTING METHOD                    | Screw                                                                                           |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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