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 PRODUCT-DETAILS

# 1YMB712435M4812

## CEF 10/24kV 125RC105A 442/87mm S




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**General Information**

|                      |   |
|----------------------|---|
| Product ID           | 1YMB712435M4812   |
| ABB Type Designation | 1YMB712435M4812   |
| EAN                  | 5908270807860   |
| Catalog Description  | CEF 10/24kV 125RC105A 442/87mm S  |
| Long Description     | IEC DIN transformer protection current limiting back-up fuse-links for indoor/outdoor application |

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**Certificates and Declarations**

|                                   |                  |
|-----------------------------------|------------------|
| Data Sheet, Technical Information | 2401PL1613-W1-en |
| Installation Manual               | 2401PL1560-W1-en |

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**Additional Information**

|              |                                     |
|--------------|-------------------------------------|
| Fuse Class   | Back-Up                             |
| Application  | Distribution transformer protection |
| Suitable For | Switch-fuse combination             |

|                          |                  |
|--------------------------|------------------|
|                          | Fused contactors |
| Installation Instruction | Air              |
| Product Main Type        | Fuses            |

## Ordering

|                           |                                  |
|---------------------------|----------------------------------|
| Product Name              | CEF 10/24kV 125RC105A 442/87mm S |
| Catalog Number            | 1YMB712435M4812                  |
| Replaced Product ID (OLD) | 1YMB531022M0003                  |
| EAN                       | 5908270807860                    |
| Made To Order             | No                               |
| Minimum Order Quantity    | 1 piece                          |
| Selling Unit of Measure   | piece                            |
| Country of Origin         | Poland (PL)                      |

## Dimensions

|                                |          |
|--------------------------------|----------|
| Fuse Size                      | e=442 mm |
| Fuse System                    | DIN      |
| Tube Diameter                  | 87 mm    |
| Product Net Height             | 87 mm    |
| Product Net Width              | 87 mm    |
| Package Level 1 Height         | 92 mm    |
| Package Level 1 Depth / Length | 536 mm   |
| Package Level 1 Width          | 95 mm    |
| Package Level 1 Units          | 1 carton |

## Technical

|                                   |   |
|-----------------------------------|---|
| Standards                         | IEC 60282-1, VDE 0670-T4, VDE 0670-T402 |
| Rated Voltage (U <sub>r</sub> )   | 10 ... 24 kV                            |
| Input Voltage Type                | AC                                      |
| Rated Frequency (f)               | 50 Hz                                   |
| Rated Current (I <sub>n</sub> )   | 125RC105 A                              |
| Minimum Breaking Current          | 380 A                                   |
| Maximum Breaking Capacity         | 40 kA                                   |
| Fuse Pre-arcing Joule Integral    | 17200 A <sup>2</sup> ·s                 |
| Fuse Operating Joule Integral     | 472000 A <sup>2</sup> ·s                |
| Power Loss                        | 173 W                                   |
| Options Available                 | With striker                            |
| Striker Pin Rating                | 80 N                                    |
| TCU (Temperature Control Unit)    | Yes                                     |
| Product Net Weight                | 5.3 kg                                  |
| Data Sheet, Technical Information | 2401PL1613-W1-en                        |

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## Classifications

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|--------|--------------------------------------|
| ETIM 7 | EC003507 - Medium-/high voltage fuse |
| ETIM 8 | EC003507 - Medium-/high voltage fuse |

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## Categories

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Medium Voltage Products and Systems → Fuses → Distribution Transformer Protection

