

## PRODUCT-DETAILS

# 1YMB712433M4812

## CEF 10/24kV 100A 442/87mm S



### General Information

|                      |                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------|
| Product ID           | 1YMB712433M4812                                                                                   |
| ABB Type Designation | 1YMB712433M4812                                                                                   |
| EAN                  | 5908270806641                                                                                     |
| Catalog Description  | CEF 10/24kV 100A 442/87mm S                                                                       |
| Long Description     | IEC DIN transformer protection current limiting back-up fuse-links for indoor/outdoor application |

### Additional Information

|                          |                                             |
|--------------------------|---------------------------------------------|
| Fuse Class               | Back-Up                                     |
| Application              | Distribution transformer protection         |
| Suitable For             | Switch-fuse combination<br>Fused contactors |
| Installation Instruction | Air                                         |

### Ordering

|                           |                             |
|---------------------------|-----------------------------|
| Product Name              | CEF 10/24kV 100A 442/87mm S |
| Catalog Number            | 1YMB712433M4812             |
| Replaced Product ID (OLD) | 1YMB531022M0002             |
| EAN                       | 5908270806641               |
| 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      |
| Product Net Length             | 510 mm   |
| 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 ( $U_r$ )        | 10 ... 24 kV                            |
| Input Voltage Type             | AC                                      |
| Rated Frequency (f)            | 50 Hz                                   |
| Rated Current ( $I_n$ )        | 100 A                                   |
| Minimum Breaking Current       | 375 A                                   |
| Maximum Breaking Capacity      | 63 kA                                   |
| Fuse Pre-arcing Joule Integral | 10300 A <sup>2</sup> ·s                 |
| Fuse Operating Joule Integral  | 319000 A <sup>2</sup> ·s                |
| Power Loss                     | 200 W                                   |
| Options Available              | With striker                            |
| Striker Pin Rating             | 80 N                                    |
| TCU (Temperature Control Unit) | Yes                                     |
| Product Net Weight             | 5.3 kg                                  |

## Classifications

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

## Categories

Medium Voltage Products and Systems → Fuses → Distribution Transformer Protection

