

## PRODUCT-DETAILS

# 1YMB780738M4612

## CMF-BS-C 7.2kV 160A 553/593mm S



### General Information

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Product ID           | 1YMB780738M4612                                                                                    |
| ABB Type Designation | 1YMB780738M4612                                                                                    |
| EAN                  | 5908270807730                                                                                      |
| Catalog Description  | CMF-BS-C 7.2kV 160A 553/593mm S                                                                    |
| Long Description     | IEC motor circuit protection current limiting back-up BS fuse-links for indoor/outdoor application |

### Additional Information

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

### Ordering

|                         |                                 |
|-------------------------|---------------------------------|
| Product Name            | CMF-BS-C 7.2kV 160A 553/593mm S |
| Catalog Number          | 1YMB780738M4612                 |
| EAN                     | 5908270807730                   |
| Made To Order           | No                              |
| Minimum Order Quantity  | 1 piece                         |
| Selling Unit of Measure | piece                           |
| Country of Origin       | Poland (PL)                     |

## Dimensions

|                                |                      |
|--------------------------------|----------------------|
| Fuse Size                      | BS-C; E/F=553/593 mm |
| Fuse System                    | British Standard     |
| Product Net Length             | 593 mm               |
| Tube Diameter                  | 65 mm                |
| Product Net Height             | 65 mm                |
| Product Net Width              | 65 mm                |
| Package Level 1 Height         | 92 mm                |
| Package Level 1 Depth / Length | 631 mm               |
| Package Level 1 Width          | 95 mm                |
| Package Level 1 Units          | 1 carton             |

## Technical

|                                |                          |
|--------------------------------|--------------------------|
| Standards                      | IEC 60282-1              |
| Rated Voltage ( $U_r$ )        | 7.2 kV                   |
| Input Voltage Type             | AC                       |
| Rated Frequency (f)            | 50 Hz                    |
| Rated Current ( $I_n$ )        | 160 A                    |
| Minimum Breaking Current       | 400 A                    |
| Maximum Breaking Capacity      | 63 kA                    |
| Fuse Pre-arcing Joule Integral | 38000 A <sup>2</sup> ·s  |
| Fuse Operating Joule Integral  | 540000 A <sup>2</sup> ·s |
| Power Loss                     | 109 W                    |
| Options Available              | With striker             |
| Striker Pin Rating             | 80 N                     |
| TCU (Temperature Control Unit) | Yes                      |
| Product Net Weight             | 3.5 kg                   |

## Classifications

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

## Categories

Medium Voltage Products and Systems → Fuses → Motor Circuit Protection

