



## Main

|                                        |                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Range                                  | TeSys                                                                                                                     |
| Product name                           | TeSys DF                                                                                                                  |
| Product or component type              | Fuse carrier                                                                                                              |
| Device short name                      | DF22                                                                                                                      |
| Device composition                     | tubular link for locked in Neutral pole                                                                                   |
| Poles description                      | 1N                                                                                                                        |
| Fuse size                              | 22 x 58 mm                                                                                                                |
| Fuse type                              | , gG<br>, aM                                                                                                              |
| Control type                           | Toggle                                                                                                                    |
| [Ue] rated operational voltage         | 690 V AC<br>690 V DC                                                                                                      |
| [Ie] rated operational current         | 125 A                                                                                                                     |
| [Ui] rated insulation voltage          | 690 V AC                                                                                                                  |
| [Uimp] rated impulse withstand voltage | 8 kV                                                                                                                      |
| [Ipk] rated peak withstand current     | 19 kA with tubular links conforming to IEC 60269-1                                                                        |
| Short-circuit withstand                | 120 kA 400 V conforming to IEC 60947-3<br>120 kA 500 V conforming to IEC 60947-3<br>80 kA 690 V conforming to IEC 60947-3 |

## Complementary

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards               | EN/IEC 60947-3<br>EN/IEC 60269-2<br>UL 4248-1<br>CSA C22.2 No 4248-1                                                                                                              |
| Product certifications  | IEC<br>UL recognized when associated with a phase fuse carrier<br>CSA<br>EAC                                                                                                      |
| Mounting support        | 35 mm symmetrical DIN rail                                                                                                                                                        |
| Mounting position       | Vertical (tolerance: +/- 23°)                                                                                                                                                     |
| Connections - terminals | Screw clamp terminals 1 cable(s) 2.5...35 mm²rigid<br>Screw clamp terminals 2 cable(s) 2.5...25 mm²rigid<br>Screw clamp terminals 1 cable(s) 2.5...35 mm²flexible with or without |

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
|                   | Screw clamp terminals 2 cable(s) 2.5...25 mm <sup>2</sup> flexible with or without |
| Tightening torque | 4 N.m                                                                              |
| Height            | 127.5 mm                                                                           |
| Width             | 35 mm                                                                              |
| Depth             | 76.5 mm                                                                            |
| Product weight    | 0.238 kg                                                                           |
| Quantity per set  | Set of 6                                                                           |

## Environment

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Ambient air temperature for storage   | -40...80 °C                          |
| Ambient air temperature for operation | -20...60 °C with derating above 20°C |
| IP degree of protection               | IP20 conforming to IEC 60529         |
| Protective treatment                  | TH                                   |
| Fire resistance                       | 960 °C conforming to IEC 60695-2-1   |
| Compatibility code                    | DF22                                 |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|