

# Product data sheet

## Characteristics

# DFCC1

Fuse carrier, TeSys DF, 1P, 30A, 600VAC, fuse class CC



Product availability: Stock - Normally stocked in distribution facility

Price\*: 18.00 USD



## Main

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| Range                                  | TeSys                                 |
| Product name                           | TeSys DF                              |
| Product or Component Type              | Fuse carrier                          |
| Device short name                      | DFCC                                  |
| Poles description                      | 1P                                    |
| Fuse type                              | , CC                                  |
| Control type                           | Toggle padlockable                    |
| Utilisation category                   | AC-20B IEC 60947-3                    |
| [Ue] rated operational voltage         | 600 V AC                              |
| [Ie] rated operational current         | 30 A                                  |
| [Ui] rated insulation voltage          | 600 V AC                              |
| [Uimp] rated impulse withstand voltage | 6 KV                                  |
| Short-circuit withstand                | 200 KA 600 V UL 512                   |
| Power dissipation in W                 | 3 W maximum power dissipation by fuse |

## Complementary

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards               | UL 4248-1<br>UL 4248-4<br>CSA C22.2 No 4248-1<br>CSA C22.2 No 4248-4                                                                                                                                                                                                                                                                                                                     |
| Product certifications  | UL Recognized[RETURN]CSA                                                                                                                                                                                                                                                                                                                                                                 |
| Mounting Support        | 35 mm symmetrical DIN rail                                                                                                                                                                                                                                                                                                                                                               |
| Mounting position       | Vertical +/- 23°)                                                                                                                                                                                                                                                                                                                                                                        |
| Connections - terminals | Screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )rigid<br>Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )rigid<br>Screw clamp terminals 1 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> )flexible with or without<br>screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> )flexible with or without |
| Tightening torque       | 17.70 Lbf.In (2 N.m) PZ2<br>17.70 Lbf.In (2 N.m) flat Ø 5.5 mm                                                                                                                                                                                                                                                                                                                           |
| Height                  | 3.13 In (79.5 mm)                                                                                                                                                                                                                                                                                                                                                                        |
| Width                   | 0.69 In (17.5 mm)                                                                                                                                                                                                                                                                                                                                                                        |

|                  |                        |
|------------------|------------------------|
| Depth            | 2.40 In (61 mm)        |
| Net Weight       | 0.09 Lb(US) (0.042 kg) |
| Quantity per Set | Set of 12              |

## Environment

|                                       |                                                     |
|---------------------------------------|-----------------------------------------------------|
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                          |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C) with derating above 20°C |
| Operating altitude                    | 0...6561.68 ft (0...2000 m) without derating        |
| IP degree of protection               | IP20                                                |
| Pollution degree                      | 3                                                   |
| Fire resistance                       | 1760 °F (960 °C) IEC 60695-2-1                      |
| Compatibility code                    | DFCC                                                |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CP121714  |
| Discount Schedule | 0CP1          |
| GTIN              | 3389119407267 |
| Returnability     | Yes           |
| Country of origin | US            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 0.67 In (1.7 cm)        |
| Package 1 Width              | 2.44 In (6.2 cm)        |
| Package 1 Length             | 3.15 In (8 cm)          |
| Package 1 Weight             | 1.55 Oz (44 g)          |
| Unit Type of Package 2       | BB1                     |
| Number of Units in Package 2 | 12                      |
| Package 2 Height             | 2.64 In (6.7 cm)        |
| Package 2 Width              | 3.35 In (8.5 cm)        |
| Package 2 Length             | 8.74 In (22.2 cm)       |
| Package 2 Weight             | 19.82 Oz (562 g)        |
| Unit Type of Package 3       | S03                     |
| Number of Units in Package 3 | 192                     |
| Package 3 Height             | 11.81 In (30 cm)        |
| Package 3 Width              | 11.81 In (30 cm)        |
| Package 3 Length             | 15.75 In (40 cm)        |
| Package 3 Weight             | 21.06 Lb(US) (9.554 kg) |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| California proposition 65  | WARNING: Cancer - www.P65Warnings.ca.gov                                                                                          |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| REACH free of SVHC         | Yes                                                                                                                               |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                                                               |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  Yes                                           |

|                          |                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Environmental Disclosure | <a href="#"> Product Environmental Profile</a> |
| Circularity Profile      | No need of specific recycling operations                                                                                       |
| 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 |
|----------|-----------|

|                       |                |
|-----------------------|----------------|
| Product Life Status : | Commercialised |
|-----------------------|----------------|