

# Product datasheet

Specifications



Switch disconnecter fuse. FuPact INFC63. 63 A. 4 poles 3F. fuse type NFC 22 x 58 mm. front control

LV480411

! Discontinued

! Discontinued on: 17 Mar 2022

! End-of-service on: 30 Dec 2022

## Main

|                             |                          |
|-----------------------------|--------------------------|
| Range Of Product            | INF63                    |
| Range                       | FuPact                   |
| Product Name                | Fupact INF               |
| Device Short Name           | INFC63                   |
| Product Or Component Type   | Switch-disconnector-fuse |
| Device Application          | Protection               |
| Poles Description           | 4P                       |
| Protected Poles Description | 3f                       |
| Fuse Type                   | NFC                      |
| Fuse Size                   | 22 x 58 mm               |
| Network Type                | AC<br>DC                 |
| Network Frequency           | 50/60 Hz                 |

## Complementary

|                                 |                                                       |
|---------------------------------|-------------------------------------------------------|
| Control Type                    | Without handle                                        |
| Rotary Handle Mounting Location | Front                                                 |
| Rotary Handle Mounting Style    | Direct<br>Extended                                    |
| Provision For Padlocking        | Padlockable                                           |
| Mounting Mode                   | Vertical - horizontal                                 |
| Mounting Support                | DIN rail, with specific accessories<br>Mounting plate |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] Rated Operational Current | AC-22A: 63 A at 220/240 V AC 50/60 Hz<br>AC-22A: 63 A at 380/415 V AC 50/60 Hz<br>AC-22A: 63 A at 440/480 V AC 50/60 Hz<br>AC-22A: 63 A at 500/525 V AC 50/60 Hz<br>AC-22A: 63 A at 660/690 V AC 50/60 Hz<br>AC-23A: 63 A at 220/240 V AC 50/60 Hz<br>AC-23A: 63 A at 380/415 V AC 50/60 Hz<br>AC-23A: 63 A at 440/480 V AC 50/60 Hz<br>AC-23A: 63 A at 500/525 V AC 50/60 Hz<br>AC-23A: 63 A at 660/690 V AC 50/60 Hz<br>DC-22B: 63 A at 220 V DC (2 poles in series)<br>DC-23B: 63 A at 220 V DC (2 poles in series)<br>DC-21B: 63 A at 440 V DC (4 poles in series) |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Ith] Conventional Free Air Thermal Current</b>  | 63 A ( 40 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 45 A ( 70 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 48 A ( 65 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 45 A ( 70 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 51 A ( 60 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 48 A ( 65 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 53 A ( 55 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 51 A ( 60 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 56 A ( 50 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 53 A ( 55 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 56 A ( 50 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 58 A ( 45 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 61 A ( 40 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                     | 58 A ( 45 °C ) vertical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | 63 A ( 35 °C ) horizontal                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>[Ithe] Conventional Enclosed Thermal Current</b> | 63 A at 40 °C, Power dissipation per fuse: 7.5 W (300 mm x 350 mm x 200 mm)                                                                                                                                                                                                                                                                                                                                                           |
| <b>Maximum Power</b>                                | 30 kW at 380/400 V AC 50/60 Hz<br>30 kW at 415 V AC 50/60 Hz<br>37 kW at 500/525 V AC 50/60 Hz<br>60 kW at 660/690 V AC 50/60 Hz<br>18.5 kW at 220/240 V AC 50/60 Hz                                                                                                                                                                                                                                                                  |
| <b>Rated Duty</b>                                   | Uninterrupted                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Intermittent Duty Class</b>                      | Class 120 - 60 %                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>[Ui] Rated Insulation Voltage</b>                | 1000 V AC 50/60 Hz<br>1000 V DC                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>[Uimp] Rated Impulse Withstand Voltage</b>       | 12 kV                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>[Ue] Rated Operational Voltage</b>               | 250 V DC<br>690 V AC 50/60 Hz<br>690 V AC 50/60 Hz AC-20<br>690 V DC DC-20                                                                                                                                                                                                                                                                                                                                                            |
| <b>[Im] Rated Making And Breaking Capacity</b>      | Icm 105 kA at 690 V conforming to DIN (with fuse)<br>Icm 13 kA at 690 V (without fuse)<br>Icm 17 kA at 415 V (without fuse)<br>Icm 17 kA at 500 V (without fuse)<br>Icm 176 kA at 415 V conforming to BS (with fuse)<br>Icm 220 kA at 500 V conforming to DIN (with fuse)<br>Icn 100 kA at 500 V conforming to DIN (with fuse)<br>Icn 50 kA at 690 V conforming to DIN (with fuse)<br>Icn 80 kA at 415 V conforming to BS (with fuse) |
| <b>Suitability For Isolation</b>                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Contact Position Indicator</b>                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Visible Break</b>                                | No                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Contact Operation</b>                            | Double-break                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Environment

|                                                 |                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mechanical Durability</b>                    | 10000 cycles                                                                                                                                                     |
| <b>Electrical Durability</b>                    | AC-22A: 1500 cycles 500 V AC 50/60 Hz<br>AC-22A: 1500 cycles 690 V AC 50/60 Hz<br>AC-23A: 1500 cycles 500 V AC 50/60 Hz<br>AC-23A: 1500 cycles 690 V AC 50/60 Hz |
| <b>[Icw] Rated Short-Time Withstand Current</b> | 0.46 kA for 30 s<br>0.56 kA for 20 s<br>1.44 kA for 3 s<br>2.5 kA for 1 s                                                                                        |
| <b>Design</b>                                   | Horizontal design                                                                                                                                                |
| <b>Connections Terminals</b>                    | Screw clamp terminals                                                                                                                                            |
| <b>Connections - Terminals</b>                  | Screw clamp terminals 63 A 2.5...25 mm² flexible<br>Screw clamp terminals 63 A 2.5...25 mm² rigid                                                                |
| <b>Tightening Torque</b>                        | 2 N.m for terminal                                                                                                                                               |

|                                       |                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------|
| Height                                | 140 mm                                                                                 |
| Width                                 | 183 mm                                                                                 |
| Depth                                 | 130 mm                                                                                 |
| Standards                             | EN/IEC 60269-4<br>EN/IEC 60947-1<br>EN/IEC 60947-5<br>EN/IEC 60269-1<br>EN/IEC 60947-3 |
| Product Certifications                | CCC                                                                                    |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529<br>IP65 conforming to IEC 60529                           |
| Ik Degree Of Protection               | IK07 conforming to EN 50102<br>IK10 conforming to EN 50102                             |
| Pollution Degree                      | 3                                                                                      |
| Ambient Air Temperature For Operation | -25...70 °C                                                                            |
| Ambient Air Temperature For Storage   | -50...85 °C                                                                            |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type Of Package 1       | PCE |
| Number Of Units In Package 1 | 1   |

## Contractual warranty

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

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |
| ✓ | Pvc Free                   |     |

## Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |