



### Main

|                             |                          |
|-----------------------------|--------------------------|
| Range of product            | INF200...800             |
| Range                       | FuPact                   |
| Product name                | Fupact INF               |
| Device short name           | INFB400                  |
| Product or component type   | Switch-disconnector-fuse |
| Device application          | Protection               |
| Poles description           | 3P                       |
| Protected poles description | 3f                       |
| Fuse type                   | BS                       |
| Fuse size                   | B4<br>B2<br>B1<br>B3     |
| Network type                | DC<br>AC                 |
| Network frequency           | 50/60 Hz                 |

### Complementary

|                                 |                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                    | Operating shaft (without handle)                                                                                                                                                                                                                                                                                                                            |
| Rotary handle mounting location | Front                                                                                                                                                                                                                                                                                                                                                       |
| Mounting mode                   | Fixed                                                                                                                                                                                                                                                                                                                                                       |
| Mounting support                | Mounting plate                                                                                                                                                                                                                                                                                                                                              |
| [Ie] rated operational current  | AC-22A: 400 A AC 50/60 Hz 220/240 V<br>AC-22A: 400 A AC 50/60 Hz 380/415 V<br>AC-22A: 400 A AC 50/60 Hz 440/480 V<br>AC-22A: 400 A AC 50/60 Hz 500/525 V<br>AC-22A: 400 A AC 50/60 Hz 660/690 V<br>AC-23A: 400 A AC 50/60 Hz 220/240 V<br>AC-23A: 400 A AC 50/60 Hz 380/415 V<br>AC-23A: 400 A AC 50/60 Hz 440/480 V<br>AC-23A: 400 A AC 50/60 Hz 500/525 V |

AC-23A: 400 A AC 50/60 Hz 660/690 V  
DC-22A: 400 A DC 125 V 2 poles in series  
DC-23A: 400 A DC 125 V 2 poles in series  
AC-22A: 400 A AC 50/60 Hz 480 V conforming to NEMA  
AC-23A: 400 A AC 50/60 Hz 480 V conforming to NEMA  
DC-22A: 400 A DC 250 V 3 poles in series  
DC-23A: 400 A DC 250 V 3 poles in series

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ith] conventional free air thermal current  | 400 A ( 40 °C ) power dissipation per fuse: 45 W vertical<br>283 A ( 70 °C ) horizontal<br>283 A ( 70 °C ) vertical<br>302 A ( 65 °C ) horizontal<br>302 A ( 65 °C ) vertical<br>321 A ( 60 °C ) horizontal<br>321 A ( 60 °C ) vertical<br>338 A ( 55 °C ) horizontal<br>338 A ( 55 °C ) vertical<br>355 A ( 50 °C ) horizontal<br>355 A ( 50 °C ) vertical<br>370 A ( 45 °C ) horizontal<br>370 A ( 45 °C ) vertical<br>385 A ( 40 °C ) horizontal<br>400 A ( 35 °C ) horizontal |
| [Ithe] conventional enclosed thermal current | 360 A at 40 °C, Power dissipation per fuse: 37 W (610 mm x 508 mm x 254 mm)<br>400 A at 40 °C, Power dissipation per fuse: 30 W (610 mm x 508 mm x 254 mm)                                                                                                                                                                                                                                                                                                                        |
| Maximum power                                | AC-23: 132 kW at 220/240 V AC 50/60 Hz<br>AC-23: 220 kW at 380/400 V AC 50/60 Hz<br>AC-23: 230 kW at 415 V AC 50/60 Hz<br>AC-23: 280 kW at 500/525 V AC 50/60 Hz<br>AC-23: 400 kW at 660/690 V AC 50/60 Hz                                                                                                                                                                                                                                                                        |
| Rated duty                                   | Uninterrupted                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| [Ui] rated insulation voltage                | 1000 V AC 50/60 Hz<br>1000 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| [Uimp] rated impulse withstand voltage       | 12 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Ue] rated operational voltage               | 690 V AC 50/60 Hz<br>1000 V AC 50/60 Hz AC-20<br>1000 V DC DC-20<br>750 V DC                                                                                                                                                                                                                                                                                                                                                                                                      |
| [Im] rated making and breaking capacity      | Icm 220 kA at 500 V conforming to DIN (with fuse)<br>Icn 100 kA at 500 V conforming to DIN (with fuse)<br>Icm 176 kA at 415 V conforming to DIN (with fuse)<br>Icm 176 kA at 690 V conforming to DIN (with fuse)<br>Icn 80 kA at 415 V conforming to DIN (with fuse)<br>Icn 80 kA at 690 V conforming to DIN (with fuse)<br>Icm 48 kA at 690 V (without fuse)<br>Icm 59 kA at 415 V (without fuse)<br>Icm 63.5 kA at 500 V (without fuse)                                         |
| Suitability for isolation                    | Yes conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Contact position indicator                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contact operation                            | Double-break                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Environment

|                                          |                                                                                                                                                                  |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical durability                    | 8000 cycles                                                                                                                                                      |
| Electrical durability                    | AC-22A: 1000 cycles 500 V AC 50/60 Hz<br>AC-22A: 1000 cycles 690 V AC 50/60 Hz<br>AC-23A: 1000 cycles 500 V AC 50/60 Hz<br>AC-23A: 1000 cycles 690 V AC 50/60 Hz |
| [Icw] rated short-time withstand current | 14 kA for 1 s<br>2.55 kA for 30 s<br>3.13 kA for 20 s<br>8.08 kA for 3 s                                                                                         |
| Design                                   | Horizontal design                                                                                                                                                |
| Connections terminals                    | Screw connection                                                                                                                                                 |
| Connections - terminals                  | Screw connection M10 400 A                                                                                                                                       |
| Tightening torque                        | 30...44 N.m for terminal<br>20 N.m for BS fuse                                                                                                                   |
| Height                                   | 230 mm                                                                                                                                                           |

|                         |                                  |
|-------------------------|----------------------------------|
| Width                   | 254 mm                           |
| Depth                   | 176 mm                           |
| Standards               | EN/IEC 60947-1<br>EN/IEC 60947-3 |
| IP degree of protection | IP20 fuse compartment:           |
| Pollution degree        | 3                                |

### Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</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>                                                                               |
| 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 |
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