



## Main

|                           |                          |
|---------------------------|--------------------------|
| Range                     | FuPact                   |
| Product name              | Fupact ISFL              |
| Product or component type | Fuse-switch disconnecter |
| Device application        | Protection               |
| Signalling function       | Separated fuse monitor   |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poles description                            | 1 x 3P switchable                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protected poles description                  | 1 x 3f                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fuse type                                    | DIN                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fuse size                                    | NH000<br>NH00                                                                                                                                                                                                                                                                                                                                                                                                      |
| Network type                                 | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                           |
| Network frequency                            | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                           |
| Control type                                 | Fuse carriers handle                                                                                                                                                                                                                                                                                                                                                                                               |
| Provision for padlocking                     | Padlockable                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mounting support                             | Busbars                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mounting mode                                | Vertical - horizontal                                                                                                                                                                                                                                                                                                                                                                                              |
| Mounting location                            | One above the other                                                                                                                                                                                                                                                                                                                                                                                                |
| [Ie] rated operational current               | AC-22B: 160 A AC 50/60 Hz 220/240 V<br>AC-22B: 160 A AC 50/60 Hz 380/415 V<br>AC-22B: 100 A AC 50/60 Hz 660/690 V<br>AC-22B: 160 A AC 50/60 Hz 440/480 V<br>AC-22B: 160 A AC 50/60 Hz 500 V<br>AC-23B: 160 A AC 50/60 Hz 220/240 V<br>AC-23B: 160 A AC 50/60 Hz 380/415 V                                                                                                                                          |
| [Ith] conventional free air thermal current  | 160 A ( 40 °C ) horizontal<br>160 A ( 40 °C ) vertical<br>120 A ( 70 °C ) horizontal<br>120 A ( 70 °C ) vertical<br>128 A ( 65 °C ) horizontal<br>128 A ( 65 °C ) vertical<br>136 A ( 60 °C ) horizontal<br>136 A ( 60 °C ) vertical<br>144 A ( 55 °C ) horizontal<br>144 A ( 55 °C ) vertical<br>152 A ( 50 °C ) horizontal<br>152 A ( 50 °C ) vertical<br>160 A ( 45 °C ) horizontal<br>160 A ( 45 °C ) vertical |
| [Ithe] conventional enclosed thermal current | 160 A at 40 °C, Power dissipation per fuse: 12 Wvertical - horizontal                                                                                                                                                                                                                                                                                                                                              |
| Rated duty                                   | Uninterrupted                                                                                                                                                                                                                                                                                                                                                                                                      |
| [Ui] rated insulation voltage                | 800 V AC 50/60 Hz conforming to EN 60947-3                                                                                                                                                                                                                                                                                                                                                                         |
| [Uimp] rated impulse withstand voltage       | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                               |

|                                         |                                                                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage          | 690 V AC 50/60 Hz<br>800 V AC 50/60 Hz AC-20                                                                                                                  |
| [Im] rated making and breaking capacity | Icm 210 A at 415 V conforming to EN/IEC 60947-3<br>Icm 210 A at 500 V<br>Icm 210 A at 690 V<br>Icn 100 A at 415 V<br>Icn 100 A at 500 V<br>Icn 100 A at 690 V |
| Suitability for isolation               | Yes conforming to IEC EN 60947-3                                                                                                                              |
| Contact position indicator              | No                                                                                                                                                            |
| Visible break                           | Yes                                                                                                                                                           |
| Contact operation                       | Single-break                                                                                                                                                  |

## Environment

|                                       |                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|
| Mechanical durability                 | 1600 cycles                                                                                              |
| Electrical durability                 | AC-21B: 200 cycles 690 V AC 50/60 Hz<br>AC-22B: 200 cycles 500 V AC 50/60 Hz<br>AC-23B: 200 cycles 415 V |
| Electrical shock protection class     | Class II front face                                                                                      |
| Design                                | Vertical design                                                                                          |
| Connections terminals                 | Direct connection and screw connection                                                                   |
| Connections - terminals               | Screw connection downstream M8 160 A<br>Direct connection upstream 160 A 100 mm                          |
| Tightening torque                     | 14 N.m                                                                                                   |
| Height                                | 405 mm                                                                                                   |
| Width                                 | 50 mm                                                                                                    |
| Depth                                 | 123 mm                                                                                                   |
| Standards                             | EN/IEC 60947-3<br>EN/IEC 60947-1<br>IEC 60269-2-1                                                        |
| Product certifications                | CCC                                                                                                      |
| IP degree of protection               | IP20 conforming to IEC 60529                                                                             |
| IK degree of protection               | IK07 conforming to EN 50102                                                                              |
| Pollution degree                      | 3 conforming to IEC 60947                                                                                |
| 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        |
| Package 1 Weight             | 1.232 kg |
| Package 1 Height             | 44.5 cm  |
| Package 1 width              | 44.5 cm  |
| Package 1 Length             | 44.5 cm  |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 1        |
| Package 2 Weight             | 1.3 kg   |
| Package 2 Height             | 5.5 cm   |
| Package 2 width              | 15 cm    |
| Package 2 Length             | 43 cm    |
| Unit Type of Package 3       | S04      |
| Number of Units in Package 3 | 11       |
| Package 3 Weight             | 16.5 kg  |
| Package 3 Height             | 30 cm    |
| Package 3 width              | 40 cm    |
| Package 3 Length             | 60 cm    |

## Offer Sustainability

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                           |
| 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                                                                                                                             |
| RoHS exemption information | <a href="#"> Yes</a>                           |
| China RoHS Regulation      | <a href="#"> China RoHS Declaration</a>        |
| 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     |

## Contractual warranty

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