



### Main

|                             |                          |
|-----------------------------|--------------------------|
| Range of product            | INF32                    |
| Range                       | Fupact                   |
| Product name                | Fupact INF               |
| Device short name           | INFB32                   |
| Product or component type   | Switch-disconnector-fuse |
| Device application          | Protection               |
| Poles description           | 3P                       |
| Protected poles description | 3f                       |
| Fuse type                   | BS                       |
| Fuse size                   | A1                       |
| Network type                | DC<br>AC                 |
| Network frequency           | 50/60 Hz                 |

### Complementary

|                                 |  |
|---------------------------------|--|
| Control type                    | Without handle   |
| Rotary handle mounting location | Front  |
| Rotary handle mounting style    | Direct<br>Extended   |
| Mounting support                | Mounting plate<br>DIN rail   |
| [Ie] rated operational current  | AC-22A: 32 A AC 50/60 Hz 220/240 V<br>AC-22A: 32 A AC 50/60 Hz 380/415 V<br>AC-22A: 32 A AC 50/60 Hz 440/480 V<br>AC-22A: 32 A AC 50/60 Hz 500/525 V<br>AC-22A: 32 A AC 50/60 Hz 660/690 V<br>AC-23A: 32 A AC 50/60 Hz 220/240 V<br>AC-23A: 32 A AC 50/60 Hz 380/415 V<br>AC-23A: 32 A AC 50/60 Hz 440/480 V<br>AC-23A: 32 A AC 50/60 Hz 500/525 V<br>AC-23A: 32 A AC 50/60 Hz 660/690 V<br>DC-22A: 32 A DC 125 V 2 poles in series<br>DC-22A: 32 A DC 250 V 2 poles in series<br>DC-23A: 32 A DC 500 V 4 poles in series<br>DC-23A: 32 A DC 750 V 4 poles in series |

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

|  |   |
|--|---|
| [Ith] conventional free air thermal current  | 20.5 A ( 70 °C ) horizontal<br>22 A ( 65 °C ) horizontal<br>23.5 A ( 60 °C ) horizontal<br>24.4 A ( 70 °C ) vertical<br>25 A ( 55 °C ) horizontal<br>25 A ( 65 °C ) vertical<br>25.6 A ( 60 °C ) vertical<br>26.5 A ( 50 °C ) horizontal<br>27.2 A ( 55 °C ) vertical<br>28 A ( 45 °C ) horizontal<br>28.8 A ( 50 °C ) vertical<br>29.5 A ( 40 °C ) horizontal<br>30.4 A ( 45 °C ) vertical<br>31 A ( 35 °C ) horizontal<br>32 A ( 40 °C ) power dissipation per fuse: 3.5 W<br>32 A ( 40 °C ) vertical |
| [Ithe] conventional enclosed thermal current | 32 A at 40 °C, Power dissipation per fuse: 3.5 W (300 mm x 350 mm x 200 mm)   |
| Maximum power                                | 14 kW at 380/400 V AC 50/60 Hz<br>15 kW at 415 V AC 50/60 Hz<br>18 kW at 500/525 V AC 50/60 Hz<br>25 kW at 660/690 V AC 50/60 Hz<br>8 kW at 220/240 V AC 50/60 Hz   |
| Rated duty                                   | Uninterrupted   |
| Intermittent duty class                      | Class 120 - 60 %  |
| [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               | 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  |
| [Im] rated making and breaking capacity      | Icm 105 kA at 690 V conforming to DIN (with 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)<br>Icm 6 kA at 690 V (without fuse)<br>Icm 9 kA at 415 V (without fuse)<br>Icm 7.5 kA at 500 V (without fuse)  |
| Suitability for isolation                    | Yes   |
| Contact position indicator                   | Yes   |
| Contact operation                            | Double-break  |


## Environment

|  |  |
|--|--|
| Mechanical durability                    | 10000 cycles   |
| Electrical durability                    | 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 |
| [Icw] rated short-time withstand current | 1 kA for 1 s<br>0.18 kA for 30 s<br>0.22 kA for 20 s<br>0.57 kA for 3 s  |
| Design                                   | Horizontal design  |
| Connections terminals                    | Screw clamp terminals  |
| Connections - terminals                  | Screw clamp terminals 32 A 0.5...10 mm <sup>2</sup> flexible<br>Screw clamp terminals 32 A 0.5...10 mm <sup>2</sup> rigid  |
| Tightening torque                        | 2 N.mfor terminal  |
| Height                                   | 97 mm  |
| Width                                    | 106 mm   |
| Depth                                    | 105 mm   |
| Standards                                | EN/IEC 60947-1<br>EN/IEC 60269-4   |

EN/IEC 60269-1  
EN/IEC 60947-3  
EN/IEC 60947-5

|                                       |  |
|---------------------------------------|--|
| Product certifications                | KEMA-KEUR  |
| 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  |

### Offer Sustainability

|                          |   |
|--------------------------|---|
| EU RoHS Directive        | Not applicable, out of EU RoHS legal scope  |
| Environmental Disclosure |  <a href="#">Product Environmental Profile</a> |

### Contractual warranty

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