



### Main

|                             |                          |
|-----------------------------|--------------------------|
| Range of product            | INF200...800             |
| Range                       | Fupact                   |
| Product name                | Fupact INF               |
| Device short name           | INFD250                  |
| Product or component type   | Switch-disconnector-fuse |
| Device application          | Protection               |
| Poles description           | 4P                       |
| Protected poles description | 3f                       |
| Fuse type                   | DIN                      |
| Fuse size                   | NH1<br>NH0               |
| Network type                | DC<br>AC                 |
| Network frequency           | 50/60 Hz                 |

### Complementary

|   |   |
|---|---|
| Control type                                | Rotary handle   |
| Rotary handle mounting location             | Lateral   |
| Rotary handle mounting style                | Extended  |
| Handle colour                               | Black   |
| Handle front plate colour                   | Black   |
| Provision for padlocking                    | 3 padlocks  |
| Mounting support                            | Mounting plate  |
| [I <sub>e</sub> ] rated operational current | AC-23A : 250 A AC 50/60 Hz 220/240 V<br>AC-22A : 250 A AC 50/60 Hz 440/480 V<br>AC-23A : 250 A AC 50/60 Hz 500/525 V<br>AC-22A : 250 A AC 50/60 Hz 220/240 V<br>DC-23A : 250 A DC 750 V 3 poles in series<br>AC-22A : 250 A AC 50/60 Hz 500/525 V<br>AC-23A : 250 A AC 50/60 Hz 380/415 V<br>AC-22A : 250 A AC 50/60 Hz 380/415 V<br>DC-22A : 250 A DC 125 V 2 poles in series<br>DC-22A : 250 A DC 500 V 3 poles in series<br>DC-22A : 250 A DC 250 V 2 poles in series<br>AC-23A : 250 A AC 50/60 Hz 440/480 V<br>DC-23A : 250 A DC 125 V 2 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

AC-23A : 250 A AC 50/60 Hz 660/690 V  
 DC-22A : 250 A DC 750 V 3 poles in series  
 AC-22A : 250 A AC 50/60 Hz 660/690 V  
 DC-23A : 250 A DC 500 V 3 poles in series  
 DC-23A : 250 A DC 250 V 2 poles in series

|   |  |
|---|--|
| [I <sub>th</sub> ] conventional free air thermal current  | 161 A ( 70 °C ) horizontal<br>172 A ( 65 °C ) horizontal<br>175 A ( 70 °C ) vertical<br>184 A ( 60 °C ) horizontal<br>187 A ( 65 °C ) vertical<br>195 A ( 55 °C ) horizontal<br>200 A ( 60 °C ) vertical<br>207 A ( 50 °C ) horizontal<br>212 A ( 55 °C ) vertical<br>218 A ( 45 °C ) horizontal<br>225 A ( 50 °C ) vertical<br>230 A ( 40 °C ) horizontal<br>237 A ( 45 °C ) vertical<br>242 A ( 35 °C ) horizontal<br>250 A ( 40 °C ) power dissipation per fuse: 32 W<br>250 A ( 40 °C ) vertical |
| [I <sub>the</sub> ] conventional enclosed thermal current | 230 A ( 40 °C ) / Power dissipation per fuse: 27 W 600 mm x 350 mm x 300 mm<br>250 A ( 40 °C ) / Power dissipation per fuse: 23 W 600 mm x 350 mm x 300 mm   |
| Maximum power   | 132 kW 380/400 V AC 50/60 Hz<br>140 kW 415 V AC 50/60 Hz<br>170 kW 500/525 V AC 50/60 Hz<br>230 kW 660/690 V AC 50/60 Hz<br>70 kW 220/240 V AC 50/60 Hz  |
| Rated duty  | Uninterrupted  |
| Intermittent duty class                                   | Class 120 - 60 %   |
| [U <sub>i</sub> ] rated insulation voltage                | 1000 V AC 50/60 Hz<br>1000 V DC  |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 12 kV  |
| [U <sub>e</sub> ] rated operational voltage               | 1000 V AC 50/60 Hz AC-20<br>1000 V DC DC-20<br>690 V AC 50/60 Hz<br>750 V DC   |
| [I <sub>m</sub> ] rated making and breaking capacity      | I <sub>cm</sub> 105 kA conforming to DIN 690 V with fuse<br>I <sub>cm</sub> 176 kA conforming to BS 415 V with fuse<br>I <sub>cm</sub> 220 kA conforming to DIN 500 V with fuse<br>I <sub>cm</sub> 35 kA 690 V without fuse<br>I <sub>cm</sub> 40 kA 415 V without fuse<br>I <sub>cm</sub> 40 kA 500 V without fuse<br>I <sub>cn</sub> 100 kA conforming to DIN 500 V with fuse<br>I <sub>cn</sub> 50 kA conforming to DIN 690 V with fuse<br>I <sub>cn</sub> 80 kA conforming to BS 415 V with fuse |
| Suitability for isolation                                 | Yes  |
| 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 |
| [I <sub>cw</sub> ] rated short-time withstand current | 8 kA ( 1 s )<br>1.5 kA ( 30 s )<br>1.8 kA ( 20 s )<br>4.65 kA ( 3 s )  |
| Design  | Horizontal design  |
| Tightening torque                                     | Terminal : 30...44 N.m   |
| Height  | 162 mm   |
| Width   | 340 mm   |
| Depth   | 199 mm   |

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 60269-4<br>EN/IEC 60947-1<br>EN/IEC 60269-1<br>EN/IEC 60947-3<br>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  |
| Compatibility code                    | INF200...800   |

### Contractual warranty

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

|                     |                    |
|---------------------|--------------------|
| Product Life Status | END-OF-SALE NOTICE |
|---------------------|--------------------|

# 49551