



## Main

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                                     | FuPacT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product name                                              | FuPacT GS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Device short name                                         | GSC50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product or component type                                 | Switch-disconnector-fuse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Device application                                        | Equipment protection, monitoring and control Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Poles description                                         | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Number of fuse carriers                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Fuse type                                                 | NFC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Fuse size                                                 | 14 x 51 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Suitability for isolation                                 | Yes conforming to EN/IEC 60947-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Visible break                                             | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Contact position indicator                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| [I <sub>th</sub> ] conventional free air thermal current  | 50 A ( 35 °C ) power dissipation per fuse: 4.6 W                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| [I <sub>the</sub> ] conventional enclosed thermal current | 50 A at 35 °C, Power dissipation per fuse: 4.6 W                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Maximum power dissipation per pole                        | 4.6 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| [U <sub>e</sub> ] rated operational voltage               | 690 V AC 50/60 Hz<br>800 V AC 50/60 Hz AC-20                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [U <sub>i</sub> ] rated insulation voltage                | 800 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| [I <sub>e</sub> ] rated operational current               | AC-22A: 50 A at 220/240 V AC 50/60 Hz<br>AC-23A: 50 A at 220/240 V AC 50/60 Hz<br>AC-22B: 50 A at 220/240 V AC 50/60 Hz<br>AC-23B: 50 A at 220/240 V AC 50/60 Hz<br>AC-22A: 50 A at 380/415 V AC 50/60 Hz<br>AC-23A: 50 A at 380/415 V AC 50/60 Hz<br>AC-22B: 50 A at 380/415 V AC 50/60 Hz<br>AC-23B: 50 A at 380/415 V AC 50/60 Hz<br>AC-22A: 50 A at 660/690 V AC 50/60 Hz<br>AC-23A: 50 A at 660/690 V AC 50/60 Hz<br>AC-22B: 50 A at 660/690 V AC 50/60 Hz<br>AC-23B: 50 A at 660/690 V AC 50/60 Hz |

## Complementary

|                                                         |                                                           |
|---------------------------------------------------------|-----------------------------------------------------------|
| [I <sub>q</sub> ] Breaking capacity with fuses (kA RMS) | 100 KA at 415 V (AC)<br>100 kA at 690 V (AC)              |
| Rated operational power in W                            | 25 KW at 380/400 V<br>45 kW at 660/690 V                  |
| Contacts type and composition                           | 3 NO                                                      |
| Type of operating handle                                | Direct frontal<br>External frontal<br>External right side |
| Provision for padlocking                                | 3 padlocks                                                |
| Mounting position                                       | Vertical                                                  |

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting mode           | Fixed                                                                                                                                                            |
| Mounting support        | Backplate<br>DIN rail                                                                                                                                            |
| Mechanical durability   | 10000 cycles                                                                                                                                                     |
| Electrical durability   | AC-22A: 1500 cycles 415 V AC 50/60 Hz<br>AC-23A: 1500 cycles 415 V AC 50/60 Hz<br>AC-22A: 1500 cycles 690 V AC 50/60 Hz<br>AC-23A: 1500 cycles 690 V AC 50/60 Hz |
| Connections - terminals | Power circuit: screw-clamp terminals6...25 mm <sup>2</sup>                                                                                                       |
| Tightening torque       | Power circuit: 3.2 N.m                                                                                                                                           |
| Width                   | 121 mm                                                                                                                                                           |
| Height                  | 118 mm                                                                                                                                                           |
| Depth                   | 87 mm                                                                                                                                                            |
| Net weight              | 0.8 kg                                                                                                                                                           |
| Standards               | EN/IEC 60947-1<br>EN/IEC 60947-3                                                                                                                                 |
| Product certifications  | CE[RETURN]CCC[RETURN]EAC                                                                                                                                         |

## Environment

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| Electrical shock protection class     | Class II front face                                                                      |
| IP degree of protection               | IP20 conforming to IEC 60529 (with terminal cover)                                       |
| IK degree of protection               | IK07 conforming to EN 50102                                                              |
| Pollution degree                      | 3 conforming to IEC 60947                                                                |
| Ambient air temperature for operation | -20...70 °C                                                                              |
| Ambient air temperature for storage   | -40...80 °C                                                                              |
| Flame resistance                      | 850 °C fuse cover conforming to IEC 60695-2-1<br>960 °C body conforming to IEC 60695-2-1 |

## 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> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |