

# Product Datasheet

## Characteristic

# GVAS225

Shunt release (MX),TeSys Deca frame  
2,220-240V AC 50Hz



## Main

|                           |                     |
|---------------------------|---------------------|
| Range                     | TeSys<br>TeSys Deca |
| product or component type | Shunt trip release  |
| Device short name         | GVAS                |

## Complementary

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range compatibility             | TeSys GV2ME<br>TeSys GV2LE<br>TeSys GV2L<br>TeSys GV2P<br>TeSys GV3L<br>TeSys GV3P<br>TeSys Deca                                                                                                                                                                                                                                                                                                                     |
| [Uc] control circuit voltage    | 220...240 V AC 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                 |
| Control circuit voltage limits  | 0.7...1.1 Un                                                                                                                                                                                                                                                                                                                                                                                                         |
| [Ui] rated insulation voltage   | 690 V AC conforming to IEC 60947-1<br>600 V AC conforming to UL 60947-4-1<br>600 V AC conforming to CSA C22.2 No 60947-4-1                                                                                                                                                                                                                                                                                           |
| Threshold tripping voltage      | 0.75...0.2 Un                                                                                                                                                                                                                                                                                                                                                                                                        |
| Inrush power in VA              | 14 VA AC                                                                                                                                                                                                                                                                                                                                                                                                             |
| Inrush power in W               | 10.5 W                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hold-in power consumption in VA | 5 VA AC                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hold-in power consumption in W  | 1.6 W                                                                                                                                                                                                                                                                                                                                                                                                                |
| Operating time                  | 10...15 ms conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                 |
| On-load factor                  | 100 %                                                                                                                                                                                                                                                                                                                                                                                                                |
| Connections - terminals         | Screw clamp terminals 1 cable(s) 1...2.5 mm²solid<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²solid<br>Screw clamp terminals 1 cable(s) 0.75...2.5 mm²flexible without cable end<br>Screw clamp terminals 2 cable(s) 0.75...2.5 mm²flexible without cable end<br>Screw clamp terminals 1 cable(s) 0.75...1.5 mm²flexible with cable end<br>Screw clamp terminals 2 cable(s) 0.75...1.5 mm²flexible with cable end |
| Tightening torque               | < 1.4 N.m on screw clamp terminals                                                                                                                                                                                                                                                                                                                                                                                   |
| Mechanical durability           | 10000 cycles with GV3P and GV3L<br>30000 cycles with GV2ME and GV2P                                                                                                                                                                                                                                                                                                                                                  |

|                  |           |
|------------------|-----------|
| Quantity per set | Set of 10 |
| Height           | 89 mm     |
| Width            | 18 mm     |
| Depth            | 66 mm     |
| net weight       | 0.105 kg  |
| Colour           | Dark grey |

### Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 3.7 cm   |
| Package 1 Width              | 8.3 cm   |
| Package 1 Length             | 9.3 cm   |
| Package 1 Weight             | 115.0 g  |
| Unit Type of Package 2       | S01      |
| Number of Units in Package 2 | 16       |
| Package 2 Height             | 15 cm    |
| Package 2 Width              | 15 cm    |
| Package 2 Length             | 40 cm    |
| Package 2 Weight             | 2.042 kg |

### Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | Free of Substances of Very High Concern above the threshold                                                                 |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant                                                                                                                   |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| China RoHS Regulation      | &nbsp;Pro-active China RoHS declaration (out of China RoHS legal scope)                                                     |
| RoHS exemption information | Yes                                                                                                                         |
| Environmental Disclosure   | ENVPEP2207006                                                                                                               |
| Circularity Profile        | ENVEOLI2207006                                                                                                              |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |