

# Product data sheet

Specifications



## Shunt release (MX), TeSys Deca, 500V AC 50Hz / 600V AC 60Hz

GVAS505

⚠ Discontinued on: May 12, 2023

⚠ Discontinued

### Main

|                              |                                  |
|------------------------------|----------------------------------|
| Range                        | TeSys                            |
| Product or component type    | Shunt trip release               |
| Device short name            | GVAS                             |
| [Uc] control circuit voltage | 500 V AC 50 Hz<br>600 V AC 60 Hz |

### Complementary

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range compatibility             | TeSys GV2ME<br>TeSys GV2LE<br>TeSys GV2L<br>TeSys GV2P<br>TeSys GV3L<br>TeSys GV3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Control circuit voltage limits  | 0.7...1.1 Un                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [Ui] rated insulation voltage   | 690 V AC IEC 60947-1<br>600 V AC UL 60947-4-1<br>600 V AC 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 IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| On-load factor                  | 100 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Connections - terminals         | screw clamp terminals 1 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )solid<br>screw clamp terminals 2 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )solid<br>screw clamp terminals 1 0.001...0.004 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )flexible without cable end<br>screw clamp terminals 2 0.001...0.004 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )flexible without cable end<br>screw clamp terminals 1 0.001...0.002 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> )flexible with cable end<br>screw clamp terminals 2 0.001...0.002 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> )flexible with cable end |
| Tightening torque               | < 1.4 N.m 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                          | 3.5 in (89 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Width                           | 0.7 in (18 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Depth                           | 2.6 in (66 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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

|            |                         |
|------------|-------------------------|
| Net weight | 0.231 lb(US) (0.105 kg) |
|------------|-------------------------|

## Packing Units

|                              |                 |
|------------------------------|-----------------|
| Unit Type of Package 1       | PCE             |
| Number of Units in Package 1 | 1               |
| Package 1 Height             | 3.6 in (9.2 cm) |
| Package 1 Width              | 1.4 in (3.6 cm) |
| Package 1 Length             | 3.3 in (8.3 cm) |
| Package 1 Weight             | 4.06 oz (115 g) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances |                           |
|--------------------------|---------------------------|
| EU RoHS Directive        | <a href="#">Compliant</a> |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WEEE Label               |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Connections and Schema

GVAS...

