



### Main

|                                       |  |
|---------------------------------------|--|
| Range                                 | TeSys  |
| Product name                          | TeSys GV4  |
| Device short name                     | GV4L   |
| Product or component type             | Circuit breaker  |
| Device application                    | Motor  |
| Poles description                     | 3P   |
| Utilisation category                  | Category A   |
| Trip unit technology                  | Magnetic   |
| Protection type                       | Short-circuit  |
| [In] rated current                    | 3.5 A  |
| Breaking capacity                     | [Icu] : 100 kA at 220...240 V AC 50/60 Hz according to IEC 60947-2<br>[Icu] : 50 kA at 380...415 V AC 50/60 Hz according to IEC 60947-2<br>[Icu] : 50 kA at 440 V AC 50/60 Hz according to IEC 60947-2<br>[Icu] : 15 kA at 525 V AC 50/60 Hz according to IEC 60947-2<br>[Icu] : 8 kA at 660...690 V AC 50/60 Hz according to IEC 60947-2<br>[Icu] : 25 kA at 500 V AC 50/60 Hz according to IEC 60947-2 |
| [Ics] rated service breaking capacity | 100 kA : at 220...240 V AC 50/60 Hz according to IEC 60947-2<br>50 kA : at 380...415 V AC 50/60 Hz according to IEC 60947-2<br>50 kA : at 440 V AC 50/60 Hz according to IEC 60947-2<br>25 kA : at 500 V AC 50/60 Hz according to IEC 60947-2<br>15 kA : at 525 V AC 50/60 Hz according to IEC 60947-2<br>2 kA : at 660...690 V AC 50/60 Hz according to IEC 60947-2                                     |
| Trip unit rating                      | 21...49 A  |
| Control type                          | Rotary handle  |

### Complementary

|                                |  |
|--------------------------------|--|
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2  |
| Motor power kW                 | 0.55 kW at 400...415 V AC 50/60 Hz<br>0.75 kW at 400...415 V AC 50/60 Hz<br>0.75 kW at 500 V AC 50/60 Hz<br>1.1 kW at 400...415 V AC 50/60 Hz<br>1.1 kW at 500 V AC 50/60 Hz |

|  |  |
|--|--|
|  | 1.1 kW at 660...690 V AC 50/60 Hz<br>1.5 kW at 400...415 V AC 50/60 Hz<br>1.5 kW at 500 V AC 50/60 Hz<br>1.5 kW at 660...690 V AC 50/60 Hz<br>2.2 kW at 660...690 V AC 50/60 Hz                    |
| [Uimp] rated impulse withstand voltage | 8 kV according to IEC 60947-2  |
| [Ui] rated insulation voltage          | 800 V according to IEC 60947-2   |
| Mounting mode                          | By screws<br>By clips  |
| Mounting support                       | 35 mm symmetrical DIN rail<br>Plate<br>75 mm symmetrical DIN rail  |
| Suitability for isolation              | Yes according to IEC 60947-1   |
| Mechanical durability                  | 40000 cycles   |
| Electrical durability                  | 40000 cycles for AC-3 at 440 V In/2<br>40000 cycles for AC-3 at 440 V In   |
| Local signalling                       | Green flag for presence of auxiliary contacts  |
| Number of slots                        | 1 slot(s) for alarm switch fault signalling contact (plug-in)<br>1 slot(s) for voltage release electrical remote tripping (plug-in)<br>1 slot(s) for auxiliary switch open/close contact (plug-in) |
| Rotary handle padlocking               | Padlock in OFF or ON position  |
| Connection pitch                       | 27 mm  |
| Connections - terminals                | Lugs-ring terminals  |
| Tightening torque                      | 9 N.m for 16...95 mm <sup>2</sup><br>5 N.m for 1.5...10 mm <sup>2</sup>  |
| Quality labels                         | CE   |
| Standards                              | EN/IEC 60947-2<br>EN/IEC 60947-4-1   |
| Height                                 | 155 mm   |
| Width                                  | 81 mm  |
| Depth                                  | 165 mm   |
| Product weight                         | 1.65 kg  |
| Colour                                 | Grey RAL 7016  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Product certifications                | IEC  |
| Tropicalisation                       | 2 according to IEC 68-2  |
| IP degree of protection               | IP40 (front face) according to IEC 60529   |
| IK degree of protection               | IK07 according to IEC 62262  |
| Pollution degree                      | 3 according to IEC 60947-1   |
| Mechanical robustness                 | Shocks 15 Gn for 11 ms according to IEC 60068-2-27<br>Vibrations +/- 1 mm for 2...13.2 Hz according to IEC 60068-2-6<br>Vibrations 0.7 gn for 13.2...100 Hz according to IEC 60068-2-6 |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -50...85 °C  |
| Operating altitude                    | > 2000...5000 m with derating<br>2000 m without derating   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1736 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Available   |

