



### Principal

|                               |                  |
|-------------------------------|------------------|
| Gama                          | TeSys            |
| Product name                  | TeSys GV2        |
| Device short name             | GV2ME            |
| Tipo de producto o componente | Circuit breaker  |
| Aplicación de dispositivo     | Motor            |
| Trip unit technology          | Thermal-magnetic |

### Complementos

|                                                     |                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poles description                                   | 3P                                                                                                                                                                                                                                                                                                             |
| Tipo de red                                         | AC                                                                                                                                                                                                                                                                                                             |
| Utilisation category                                | AC-3 conforming to IEC 60947-4-1<br>Category A conforming to IEC 60947-2                                                                                                                                                                                                                                       |
| Network frequency                                   | 50/60 Hz conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                           |
| Mounting mode                                       | By clips<br>By screws                                                                                                                                                                                                                                                                                          |
| Mounting support                                    | Rail                                                                                                                                                                                                                                                                                                           |
| Mounting position                                   | Vertical<br>Horizontal                                                                                                                                                                                                                                                                                         |
| Motor power kW                                      | 15 kW a 690 V AC 50/60 Hz<br>9 kW a 500 V AC 50/60 Hz<br>7.5 kW a 400/415 V AC 50/60 Hz                                                                                                                                                                                                                        |
| Breaking capacity                                   | 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>15 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>8 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>6 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 100 % a 230/240 V AC 50/60 Hz conforme a IEC 60947-2<br>50 % a 400/415 V AC 50/60 Hz conforme a IEC 60947-2<br>50 % a 440 V AC 50/60 Hz conforme a IEC 60947-2<br>75 % a 500 V AC 50/60 Hz conforme a IEC 60947-2<br>75 % a 690 V AC 50/60 Hz conforme a IEC 60947-2                                           |
| Control type                                        | Push-button                                                                                                                                                                                                                                                                                                    |
| [In] rated current                                  | 13...18 A                                                                                                                                                                                                                                                                                                      |
| Trip unit rating                                    | 13...18 A                                                                                                                                                                                                                                                                                                      |
| Magnetic tripping current                           | 223 A                                                                                                                                                                                                                                                                                                          |
| [Ue] tensión de funcionamiento nominal              | 690 V AC 50/60 Hz conforme a IEC 60947-2                                                                                                                                                                                                                                                                       |
| [Ui] rated insulation voltage                       | 690 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                                                    |
| [Ith] conventional free air thermal current         | 18 A conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                               |
| [Uimp] rated impulse withstand voltage              | 6 kV conforming to IEC 60947-2                                                                                                                                                                                                                                                                                 |
| Power dissipation per pole                          | 2.5 W                                                                                                                                                                                                                                                                                                          |
| Mechanical durability                               | 100000 Ciclos                                                                                                                                                                                                                                                                                                  |
| Durabilidad eléctrica                               | 100000 Ciclos para AC-3 a 440 V                                                                                                                                                                                                                                                                                |
| Operating rate                                      | 25 cyc/h                                                                                                                                                                                                                                                                                                       |
| Rated duty                                          | Continuous conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                         |

|                           |                                                                                                                                                                                                                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conexiones - terminales   | Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> - cable stiffness : solid<br>Screw clamp terminals 2 cable(s) 1.5...6 mm <sup>2</sup> - cable stiffness : flexible - without cable end<br>Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> - cable stiffness : flexible - with cable end |
| Tightening torque         | 1.7 N.m - on screw clamp terminals                                                                                                                                                                                                                                                                    |
| Suitability for isolation | Yes conforming to IEC 60947-1                                                                                                                                                                                                                                                                         |
| Phase failure sensitivity | Yes conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                       |
| Altura                    | 89 mm                                                                                                                                                                                                                                                                                                 |
| Anchura                   | 45 mm                                                                                                                                                                                                                                                                                                 |
| Profundidad               | 78.2 mm                                                                                                                                                                                                                                                                                               |
| Peso del producto         | 0.26 kg                                                                                                                                                                                                                                                                                               |

## Ambiente

|                                        |                                                                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Normas                                 | IEC 60947-4-1<br>IEC 60947-2<br>VDE 0660<br>CSA C22.2<br>EN 60204<br>UL 508<br>NF C 79-130<br>VDE 0113<br>NF C 63-650<br>NF C 63-120<br>IEC 60947-1 |
| Certificaciones de producto            | SETI<br>TSE<br>ATEX<br>EAC<br>LROS (Lloyds register of shipping)<br>BV<br>RINA<br>UL<br>DNV<br>CEBEC<br>CCC<br>EZU<br>GL<br>CSA                     |
| Protective treatment                   | TH                                                                                                                                                  |
| IP degree of protection                | IP20 conforming to IEC 60529                                                                                                                        |
| IK degree of protection                | IK04                                                                                                                                                |
| Ambient air temperature for operation  | -20...60 °C                                                                                                                                         |
| Temperatura ambiente de almacenamiento | -40...80 °C                                                                                                                                         |
| Fire resistance                        | 960 °C conforming to IEC 60695-2-1                                                                                                                  |
| Operating altitude                     | 2000 m                                                                                                                                              |

## Oferta sustentable

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                              |
| RoHS (date code: YYWW)           | Compliant - since 0631 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                                                                  |
| Product environmental profile    | Available <a href="#">Perfil Medioambiental</a>                                                                                    |
| Product end of life instructions | Need no specific recycling operations                                                                                              |

## Garantía contractual

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