

# Lembar data produk

Spesifikasi



## TeSys GB2 - thermal-magnetic circuit breaker - 1P - 4 A - Id = 52 A

GB2CB09

### Main

|                                                     |                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                               | TeSys                                                                                                                                                                                                                      |
| Product Name                                        | TeSys GB2                                                                                                                                                                                                                  |
| Device Short Name                                   | GB2                                                                                                                                                                                                                        |
| Product Or Component Type                           | Circuit breaker                                                                                                                                                                                                            |
| Device Application                                  | Control                                                                                                                                                                                                                    |
| Poles Description                                   | 1P                                                                                                                                                                                                                         |
| Network Type                                        | AC/DC                                                                                                                                                                                                                      |
| Utilisation Category                                | Category A conforming to IEC 60947-2<br>DC-12 conforming to IEC 60947-5-1<br>DC-13 conforming to IEC 60947-5-1                                                                                                             |
| Network Frequency                                   | 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                         |
| Breaking Capacity                                   | 6 kA Icu at 110 V AC 50/60 Hz conforming to IEC 60947-2<br>3 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2<br>1.5 kA Icu at 24 V DC conforming to IEC 60947-2<br>1 kA Icu at 48 V DC conforming to IEC 60947-2 |
| [Ics] Rated Service Short-Circuit Breaking Capacity | 50 % at 110 V AC 50/60 Hz conforming to IEC 60947-2<br>50 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                             |
| Trip Unit Technology                                | Thermal-magnetic                                                                                                                                                                                                           |
| Magnetic Tripping Current                           | 52 A                                                                                                                                                                                                                       |

### Complementary

|                                        |                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting Mode                          | By clips                                                                                                                                        |
| Mounting Support                       | Rail<br>Plate                                                                                                                                   |
| Mounting Position                      | Horizontal<br>Vertical                                                                                                                          |
| Control Type                           | Toggle                                                                                                                                          |
| [In] Rated Current                     | 4 A                                                                                                                                             |
| [Ue] Rated Operational Voltage         | 250 V AC 50/60 Hz conforming to IEC 60947-2<br>277 V AC 60 Hz conforming to CSA C22.2 No 235<br>277 V AC 60 Hz conforming to UL 1077<br>48 V DC |
| [Uimp] Rated Impulse Withstand Voltage | 4 kV conforming to IEC 60947-2                                                                                                                  |
| Power Dissipation Per Pole             | 2 W                                                                                                                                             |
| Mechanical Durability                  | 8000 cycles                                                                                                                                     |
| Electrical Durability                  | 8000 cycles                                                                                                                                     |

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - Terminals | Connector 1 cable(s) 0.75...6 mm²solid without cable end<br>Connector 2 cable(s) 0.75...4 mm²solid without cable end<br>Connector 1 cable(s) 0.75...4 mm²flexible with cable end<br>Connector 2 cable(s) 0.75...2.5 mm²flexible with cable end |
| Tightening Torque       | 1.2 N.m on connector                                                                                                                                                                                                                           |
| Mechanical Robustness   | Shocks: 22 Gn for 20 ms conforming to IEC 60068-2-27<br>Vibrations: 5 Gn, 5...110 Hz conforming to IEC 60068-2-6                                                                                                                               |
| Quantity Per Set        | Set of 6                                                                                                                                                                                                                                       |
| 9 Mm Pitches            | 2                                                                                                                                                                                                                                              |
| Height                  | 74 mm                                                                                                                                                                                                                                          |
| Width                   | 15 mm                                                                                                                                                                                                                                          |
| Depth                   | 67 mm                                                                                                                                                                                                                                          |

## Environment

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Standards                             | EN/IEC 60947-1<br>EN/IEC 60947-2<br>CSA C22.2 No 235<br>UL 1077 |
| Product Certifications                | UL<br>CSA                                                       |
| Protective Treatment                  | TC                                                              |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529                                    |
| Ambient Air Temperature For Operation | -20...60 °C                                                     |
| Ambient Air Temperature For Storage   | -40...80 °C                                                     |
| Fire Resistance                       | 960 °C conforming to IEC 60695-2-1                              |
| Operating Altitude                    | 3000 m                                                          |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 1.500 cm  |
| Package 1 Width              | 7.400 cm  |
| Package 1 Length             | 7.400 cm  |
| Package 1 Weight             | 53.000 g  |
| Unit Type Of Package 2       | BB1       |
| Number Of Units In Package 2 | 6         |
| Package 2 Height             | 8.400 cm  |
| Package 2 Width              | 8.000 cm  |
| Package 2 Length             | 9.600 cm  |
| Package 2 Weight             | 339.000 g |
| Unit Type Of Package 3       | S02       |
| Number Of Units In Package 3 | 72        |
| Package 3 Height             | 15.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |

|                  |          |
|------------------|----------|
| Package 3 Weight | 4.386 kg |
|------------------|----------|

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|

Keberlanjutan



**Green Premium™** label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO<sub>2</sub>.

**Panduan untuk menilai keberlanjutan produk** adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi   RoHS/REACH

Kinerja kesejahteraan

|                                                              |                |
|--------------------------------------------------------------|----------------|
| <div><div>✓</div><div>Reach Free Of Svhc</div></div>         |                |
| <div><div>✓</div><div>Toxic Heavy Metal Free</div></div>     |                |
| <div><div>✓</div><div>Mercury Free</div></div>               |                |
| <div><div>✓</div><div>Rohs Exemption Information</div></div> | <div>Yes</div> |

Sertifikasi & Standar

|                                     |                                                                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Reach Regulation</div>         | <div><a href="#">REACH Declaration</a></div>                                                                                             |
| <div>Eu Rohs Directive</div>        | <div><div>Compliant</div><div><a href="#">EU RoHS Declaration</a></div></div>                                                            |
| <div>China Rohs Regulation</div>    | <div><div><a href="#">China RoHS declaration</a></div><div>Pro-active China RoHS declaration (out of China RoHS legal scope)</div></div> |
| <div>Environmental Disclosure</div> | <div><a href="#">Product Environmental Profile</a></div>                                                                                 |
| <div>Weee</div>                     | <div>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins</div>   |
| <div>Circularity Profile</div>      | <div>No need of specific recycling operations</div>                                                                                      |