

HIG-CD 3k6

- It is necessary to observe the use of the appropriate coupling unit for the specific insulation monitoring device.
- The coupling devices HIG-CD are used to adapt the input circuits of the insulation monitoring device to a higher operating voltage than the operating voltage of the IMD directly.
- The coupling devices are connected between the insulated system and the insulation monitoring device.

| Type | | HIG-CD 3k6 |
|---|---------------|---|
| Rated operating AC voltage | U_N | 2 500 V |
| Rated operating DC voltage | U_N | 3 600 V |
| Maximum continuous operating voltage AC | U_C | 2 500 V |
| Maximum continuous operating voltage DC | U_C | 3 600 V |
| Designed for insulation monitoring device | | HIG99/3k6 |
| Internal resistance | R_{iN} | 2 x 900 k Ω |
| Offset for insulation monitoring device | $R_{tl\ ext}$ | 900 k Ω |
| Use for traction | | Yes |
| Housing material | | Aluminium, Electroinsulating potting compound |
| Degree of protection | | IP65, except for connecting wires |
| Operating temperature | θ | -40 \div 70 °C |
| Cable length | l | 2 m |
| Recommended cross-section of connected conductors | S | 2.5 mm ² |
| Tightening moment | | 1,2 Nm |
| Installation | | On the mounting plate |
| Operating position | | Any |
| Operation type | | Permanent |
| Lifetime | | > 100 000 h |

Designed according to standards

| | |
|---|--------------------|
| Adjustable speed electrical power drive systems – Safety requirements | IEC 61800-5-1:2007 |
| Railway applications – Fire protection on railway vehicles | EN 45545-2:2013 |

Ordering, packaging and additional data

| | | |
|----------------------------------|---|----------------------|
| Mass | m | 1.36 kg |
| Mass (including the packaging) | m | 1.42 kg |
| Packaging dimensions (H x W x D) | | 82 x 228 x 105 mm |
| Packaging value | V | 1.96 dm ³ |
| Customs tariff no. | | 90303370 |
| EAN code | | 8590681188903 |
| Art. number | | 70 984 |

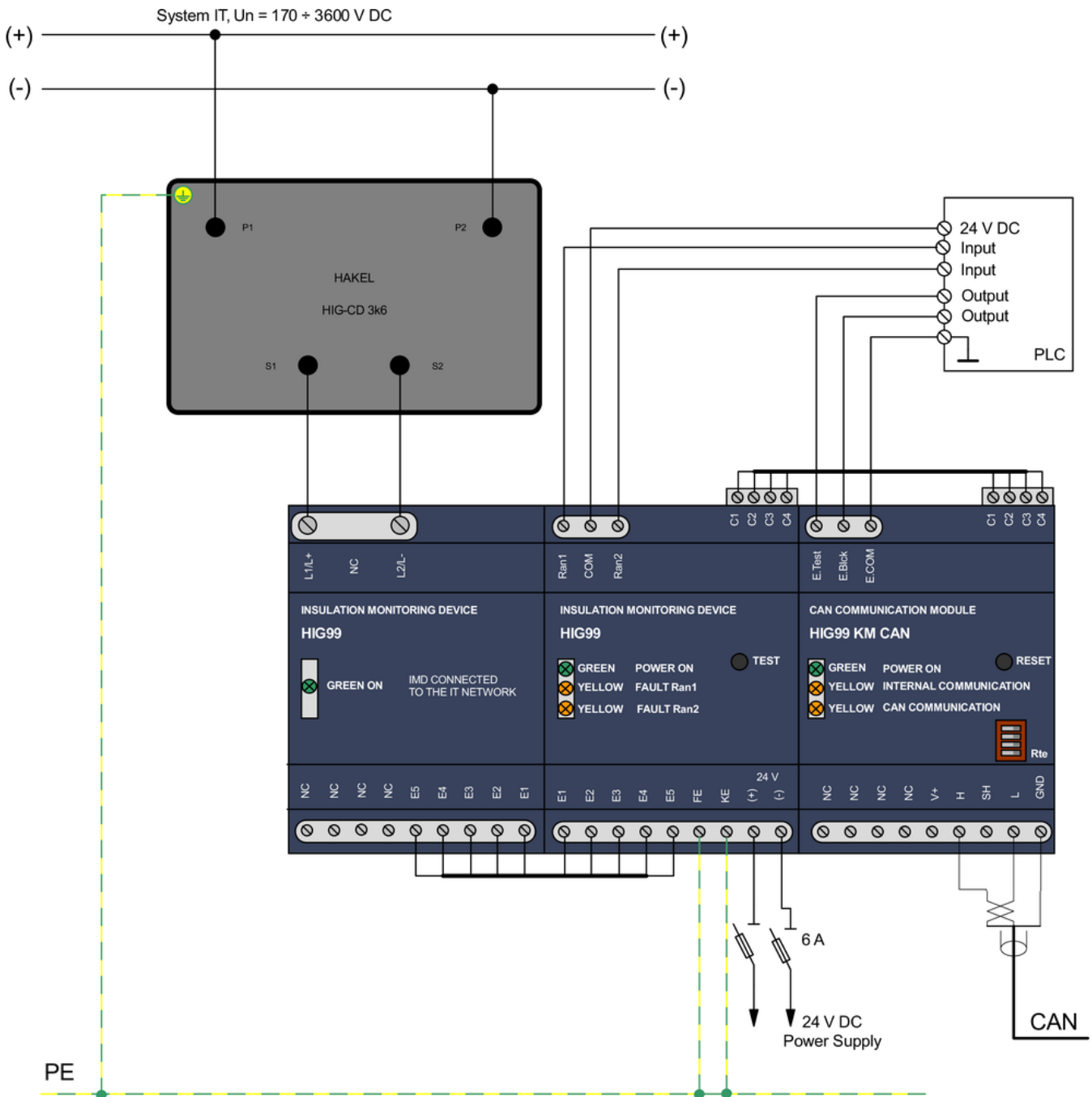


The link in the QR code leads to the online presentation of the **HIG-CD 3k6**. There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit www.hakel.com



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Application wiring diagram (installation) 1/2



Application wiring diagram (installation) 2/2

