

HIG-CD 3k6

- 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.
 - It is necessary to observe the use of the appropriate coupling unit for the specific insulation monitoring device.
- 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 an insulation monitoring device		HIG99/3k6, HIG99/3k6-24
Internal resistance	R_{IN}	2 x 900 kΩ
Offset for insulation monitoring device	$R_{tl\ ext}$	900 kΩ
Use for traction		Yes
Housing material		Aluminium, Electroinsulating potting compound
Degree of protection		IP65, except for connecting wires
Operating temperature	ϑ	-40 ÷ 70 °C
Cable length	l	2 m
Recommended cross-section of connecting wires	S	2.5 mm ²
Tightening torque		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	1.456 kg
Packaging dimensions (H x W x D)		108 x 258 x 153 mm
Packaging value	V	4.26 dm ³
Customs tariff no.		90303370
EAN code		8590681188903
Art. number		70 984

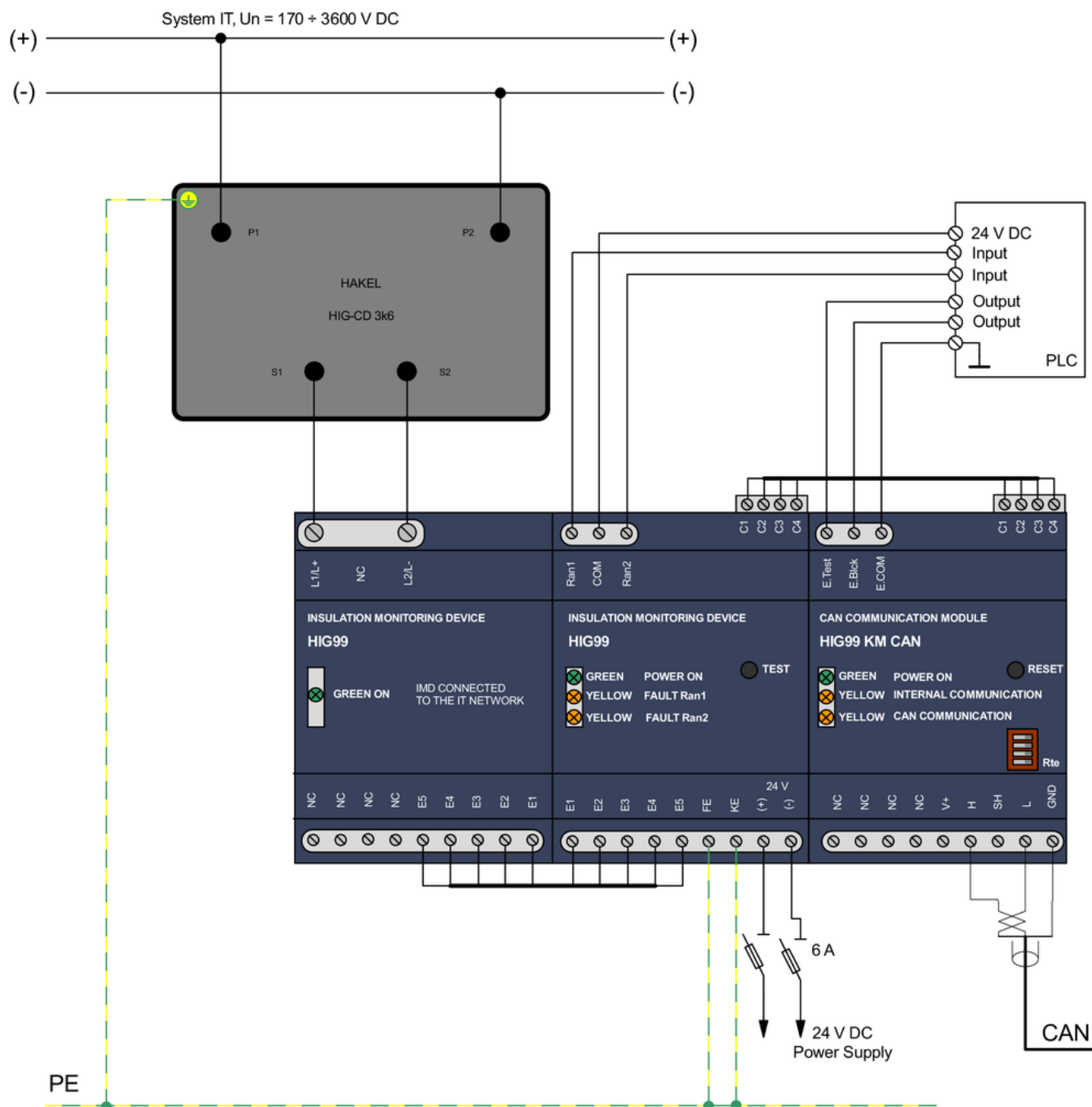


The link in the QR code leads to the online presentation of the **HIG-CD 3k6**. There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit **www.hakel.com**



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Application wiring diagram (installation) 1/2



Application wiring diagram (installation) 2/2

