



HIG-CD 1k8

- 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 1k8
Rated operating AC voltage	U_N	1 250 V
Rated operating DC voltage	U_N	1 800 V
Maximum continuous operating voltage AC	U_C	1 400 V
Maximum continuous operating voltage DC	U_C	2 000 V
Designed for insulation monitoring device		HIG99
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		Polyamid PA6, UL94 V-0
Degree of protection		IP20
Operating temperature	ϑ	-40 ÷ 70 °C
Clamp fastening range (solid conductor)		2.5 ÷ 16 mm ²
Clamp fastening range (stranded conductor)		2.5 ÷ 10 mm ²
Tightening moment		1,2 Nm
Installation		On DIN rail 35 mm
Modular width		4 TE
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	135 g
Mass (including the packaging)	m	163 g
Packaging dimensions (H x W x D)		74 x 112 x 73 mm
Packaging value	V	0.61 dm ³
Customs tariff no.		90303370
EAN code		8590681174487
Art. number		70 981



The link in the QR code leads to the online presentation of the **HIG-CD 1k8**. 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) 1/1

