



HIG-IFL DELTA

- HIG-IFL DELTA is a fault location module that together with the HAKEL HIG95-DELTA Insulation monitoring device forms a fault location system for health IT systems (MIS).
- HIG-IFL DELTA module is equipped with six sensing sensors that enable the location of the fault on up to 6 MIS pins.
- HIG-IFL DELTA connects itself to the HAKEL HIG95-DELTA via the IFLS BUS with up to 10 pcs of HIG-IFL DELTA per bus.
- Thanks to this, it is possible to implement a fault location system on a single isolated health IT system (MIS) on up to 60 outlets of one system.
- Fault location module HIG-IFL DELTA is powered from an independent low voltage 24 V DC power supply. A suitable source can be HAKEL HIG-PS 24V/5W product range.
- The module is installed on a 35 mm DIN rail and has a width of 12 TE.

Type		HIG-IFL DELTA
Designed for insulation monitoring device		HIG95-DELTA
Monitored IT power supply system type according to IEC 61557-8		AC, MED
Rated voltage of monitored IT system (AC)	U_n	230 V
Supply voltage range		9 ÷ 36 V
Power consumption	P	1.5 VA
Power source		External power supply SELF 24 V DC
Number of measuring inputs		6
Total possible number of inputs		60
Max. locating voltage value	U_L	24 V
Max. locating current value	I_L	< 0.5 mA
Measuring accuracy		± 30 %
Communication interface for user		USB
Electrical strength against internal circuits		2 500 V
Housing material		Polyamid PA6, UL94 V-0
Degree of protection		IP20
Operating temperature	θ	-15 ÷ 70 °C
Protection class according to IEC 61140		II
Recommended cross-section of connected conductors	S	1 mm ²
Installation		On DIN rail 35 mm
Modular width		12 TE
Recommended back-up fuse		6 A/gG
Operation type		Permanent
Operating position		Any

Designed according to standards

Equipment for insulation fault location in IT systems	IEC 61557-9:2014
Insulation monitoring devices for medical locations (MED-IMD)	IEC 61557-8:2014 annex A
Equipment for testing, measuring or monitoring of protective measures	IEC 61557-1:2007
Insulation coordination for equipment within low-voltage systems	IEC 60664-1:2007
Electrical equipment for measurement, control and laboratory use – EMC requirements	IEC 61326-2-4:2012
Environmental testing – Part 2-6: Test Fc: Vibration (sinusoidal)	IEC 60068-2-6:2007
Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	IEC 60068-2-27:2008

Application standards

Low-voltage electrical installations – Protection against electric shock	HD 60364-4-41:2017
Low-voltage electrical installations – Medical locations	HD 60364-7-710:2012

Ordering, packaging and additional data

Mass	m	628 g
Mass (including the packaging)	m	688 g
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		8590681164990
Art. number		70 959



The link in the QR code leads to the online presentation of the **HIG-IFL DELTA**. 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.hakil.com



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Application wiring diagram (installation)

