



Main

Range	Vigilohm
Device short name	IFL12L
Product or component type	Insulation fault locator
Device application	Marine application Standard environment application
Electrical circuit type	Medium or low disturbed network
Electrical circuit type	Power circuit
Earthing system	IT

Complementary

Network rated voltage	0...1000 V - AC at 45...65 Hz 0...1000 V - DC
Number of channels	12
Local signalling	Yellow indicator light: insulation fault Green/Red indicator light: product status Green indicator light: satisfactory insulation Yellow flashing indicator light: transient fault Green indicator light: configured threshold LED Green indicator light: configured filtering LED Yellow steady 1 LED per channel: insulation fault Yellow flashing 1 LED per channel: transient fault/toroid disconnected
Threshold setting	Alarm: high, medium, low
Alarm per channel	Alarm threshold: common to all feeders
Response time	≤ 5 s
Auxiliary supply voltage	24...48 V DC ± 15 %
Power consumption in W	8 W
Test function	Manual Auto test at start and every 5h
Output contact	1 C/O standard
Breaking capacity	250 V - AC at 6 A 48 V - DC at 1 A
Communication port protocol	-
Mounting mode	Clip-on Flush-mounted
Mounting support	DIN rail Panel
Mounting position	Vertical Horizontal
Connections - terminals	Power supply: removable screw terminal block 0.2...2.5 mm ² Output relay: removable screw terminal block 0.2...2.5 mm ² Toroids inputs: removable screw terminal block 0.2...1.5 mm ²
Material	Thermoplastic
Overvoltage category	III
Net weight	0.5 kg
Cut-out dimensions	92 x 104 mm
Height	110 mm
Width	108 mm
Depth	59 mm

Environment

IP degree of protection	Case: IP20 Front face: IP54
Environmental characteristic	Exposure to damp heat not in service conforming to IEC 60068-2-30 Exposure to damp heat in service conforming to IEC 60068-2-56 Salt mist conforming to IEC 60068-2-52
Operating altitude	<= 3000 m
Pollution degree	2
Relative humidity	5...92 %
Type of installation	Indoor
Standards	IEC 60364-4-41 IEC 61010-1 IEC 60364-5-51 IEC 61557-9
Product certifications	DNV-GL[RETURN]EAC[RETURN]CE[RETURN]UL[RETURN]cULus
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.300 cm
Package 1 Width	14.000 cm
Package 1 Length	18.500 cm
Package 1 Weight	491.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.732 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins