

FAULT PASSAGE INDICATOR

AGD100

AGD100 is a microprocessor-controlled fault current monitoring device designed for use in medium voltage networks. It offers a user-friendly interface thanks to its touch screen. Data transmission to SCADA centers is carried out via the MODBUS communication protocol. The device is manufactured in compliance with the relevant international standards.



GENERAL

Supply Voltage	20 - 160 VDC
Consumption	<10W
Nominal Voltage	6 – 70 kV
Operating Temperature	-25°C...+55°C
Storage Temperature	-30°C...+70°C
Protection Class	IP30 & IK07

CONNECTION INTERFACES

Analog Input	3 ports (3x In)
RS485	1 port
Digital Input	2 ports
Digital Output	2 ports
Alarm Output	1 port

DIMENSIONS

Height x Width x Depth	72 x 144 x 108mm
Weight	340 gr
Assembly	Panel Type

HMI TOUCH PAD & LED INDICATORS

Screen	2.8" TFT-LCD Touch Panel
Menus	System, Alarm, Setup
Functions	Setting protection and communication parameters Real-time recording & monitoring alarms
LEDs	Power, communication, error and positions information

FUNCTIONS

Application	Phase to Phase Fault Indication Phase to Earth Fault Indication
Neutral System	Connected over resistor or directly
Phase Fault Current	Functional, 1 A intervals
Phase Detection Time	50 ms
Earth Fault Current	Functional, 1 A intervals
Earth Detection Time	50 ms
Auto Reset	Current restoration
Manual Reset	via Reset button
Time Reset	1 – 6 hours set button
Communication	MODBUS via RS485 port
RTC	Available
Event Log	15 logs Memory recording available

TESTING & CERTIFICATION

Compatibility Tests	TS EN 60068-2
	TS EN 60529
	TS EN 62262
	TS EN 60255
	TS EN 61000

AREAS OF USE

Solar PV Plants
Industrial Facilities
Wind Turbines
Electricity Distribution Grid

