FAULT PASSAGE INDICATOR AGD100

Designed for use in medium voltage networks, AGD100 is a microprocessor-controlled fault current monitoring system with a Modbus communication port for transferring information to the SCADA centers, with a touch screen, and in compliance with the relevant specifications.

GENERAL

Input Voltage	20 - 160 Vdc
Consumption	<10W
Nominal Voltage	6 – 70 kV
Operation 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 AND WEIGHT

Height x Width x Depth	72x144x108mm
Weight	340 gr.
Mounting	Panel type

AREAS OF USE

Solar PV Plants
Industrial Facilities
Wind Power Plants
Electricity Distribution Grid

FUNCTIONS

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

HMI TOUCH PAD AND LED INDICATORS

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

CERTIFICATION

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

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