CAPDIS-M

Voltage monitoring module, pluggable on CAPDIS-Sx

Voltage monitoring module, pluggable onto the U0 interface of a CAPDIS-Sx+. Monitoring and measurement of voltages via the capacitive tap of the CAPDIS-Sx. Expandable to voltage transformer replacement via CAPDIS-4 (optional and depending on variant).

Properties

Main functions

Three-phase voltage transformer replacement via capacitive sensors consisting of the CAPDIS-M measuring head for CAPDIS-Sx series devices and the CAPDIS-4 voltage amplifier.

CAPDIS-M: Voltage monitoring module, pluggable on the U0 interface of a CAPDIS-Sx+

- Calibration per phase by teach function
- Voltage measurement 3-phase (switchable)
- Under- and overvoltage monitoring
- Under- and overfrequency monitoring
.
- ModbusRTU interface
- for high voltage applications (from 52 kV)

Variants

Item number	Description
2500770	CAPDIS-M Voltage Monitoring Module | pluggable to CAPDIS-Sx | up to 52 kV | incl. Modbus
2500772	CAPDIS-M Voltage Monitoring Module | pluggable on CAPDIS-Sx | from 52 kV
2500773	CAPDIS-M Voltage Monitoring Module | pluggable on CAPDIS-Sx | from 52 kV | incl. Modbus
2500785	CAPDIS-M Voltage Monitoring Module | pluggable on CAPDIS-Sx | up to 52 kV

Technical data

Device data

Article number	2500773
Product designation	CAPDIS-M Voltage Monitoring Module | pluggable on CAPDIS-Sx | from 52 kV | incl. Modbus

Controls and display

Front display	LC-Display and LEDs
Indication in display	• Current voltages on L1, L2 and L3 • Frequency • Zero-sequence voltage
Direction keys	3 function keys
Test button	✓

Dimensions and installation instructions

Case height x width x depth	51 x 114 x 24 mm
Installation type	Pluggable

Operating conditions

Operating temperature	-20°C ... 55°C
Storage temperature	-25°C ... 70°C
Protection class	IP40
Voltage level	53..480 kV (High-voltage)

Interfaces and communication

Modbus-RTU	✓
Modbus-RTU Slave	✓

Functions

Limit value monitoring	Under- and overvoltage, under- and overfrequency, adjustable, switching delay adjustable

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