VOIS+

Integrated Voltage Detecting Systems VDIS

The VOIS+ is an integrated Voltage Detecting Systems VDIS for checking for absence of voltage in medium voltage switchgear according to IEC 62271-213:2021 (or IEC 61243-5) with integrated three-phase continuous indication.

Properties

Voltage Detecting Systems for Medium Voltage (VDIS)
Integrated three-phase Voltage Detecting Systems for medium voltage switchgear according to IEC 61243-5 and IEC 62271-213

No battery required
Voltage indication without battery or auxiliary voltage

Integrated three-phase measuring point
The device has a three-phase LR measuring point for phase comparison, rotating field direction measurement, etc.

Favorable alternative
to plug-in voltage indicators.

System connector
To easily connect a three phase cable set for the sensors

Technical Data

Device data

Article number	2502062_H022
Quantity unit	Piece
Product designation	Integrated Voltage Detecting Systems VOIS+ C2m = 470 pF | System connector | without ground wire
Standard	IEC 61243-5, IEC 62271-213
Required data for order	Primary capacitance C1 of the coupling electrode Rated voltage UN

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Configuration	
Switching capacity C2m	470 pF
System connector (ankled)	✓
Earthing wire included	-

Functionalities	
Voltage test	✓

Dimensions	
Case height x width x depth	48 x 96 x 37 mm
Cutout height x width	45 x 92 mm
Norm cutout dimensions	DIN 43700
Installation type	Panel mounting

Operating conditions	
Operating temperature	-25°C ... 55°C
Storage temperature	-30°C ... 80°C
Protection class	IP54
Voltage level	1..52 kV (Medium-voltage)
Rated frequency	50 Hz, 60 Hz
Type of interface	LRM

Voltage supply	
Battery	No battery required

Accessories

Article number	Product designation
2500828_S999	Cable set | Custom-made for specific switchgear | On request | 0,5 - 40 m

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