PFISTERER
Your Power Connection

Electronic Phase Comparator EPV 2

The electronic phase comparator EPV 2 is an electronic voltage detector and phase comparator for capacitive interfaces in medium-voltage switchgears. It allows phase comparison at interfaces and measuring points. This phase comparator can be used for the HR system as well as the LRM system. At the same time, it also allows checks for absence of voltage and tests on the interface. Another additional function offered by EPV 2 is the rotary field direction indication.



Picture may vary.

Technical description:

- State of the art technology in accordance to IEC / EN 62271-215:2023-08
- Simple, intuitive and clear display
- Intuitive handling with confusion-free connections
- Extended functions as battery status display and determination of rotary field direction
- Highly flexible, captive measuring performance
- Compact LRM / HR adapter
- Marking maintenance inspection
- Touch-safe testing
- Unique voltage display with LEDs
- Active display of phase equality using two coloured LEDs
- Integrated safety function/interface control
- Manual or automatic switch-off of the device

Test functions:

- Integrated self-test checks regarding the function of the device, the measuring cables and the battery status
- Ready for operation by green LEDs
- Battery status display provides early warning of low battery status

Measurement functions at a glance:

- Check of interface conditions
- Voltage detection in accordance to IEC / EN 62271-215
- Check of phase position (equal / unequal)
- Rotary field direction indication (right / left)

Scope of delivery:

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- 1x EPV 2
- 2x Adapter LRM / HR
- Carrying case

Technical Data

Article no.		**827 189 011 00001**
Nominal frequency	**f_N (Hz)**	**16.7 - 60**
Standby indication		**RGB-LED**
Adapter included		**yes**
Language on labels		**de**
Battery Type		**4 x AA 1,5 V**
Protection class		**IP54**
Weight	**(g)**	**530**

Dimensions

Height	**(mm)**	**171**
Width	**(mm)**	**95**
Depth	**(mm)**	**33**

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