



Warning device for voltage presence - DAPT type

SR EN 61243-1

Code: DAPT 6-35 kV

DAPT 6-35 kV device is designed to warn the operating personnel against the accidental access beyond the mobile protection fences of indoor medium voltage power installations. DAPT 6-35 kV is mounted on the outside of the fixed frame of the protective fence door, and the permanent magnet (which controls the device operation) is mounted on the access door to the protection enclosure, next to the "MAGNETIC SENSOR" marking on the detector housing.

Voltage presence in the monitored area is indicated by optical and acoustic signalling triggered by the opening of the mobile protection fence.

The field-detecting electrode can be mounted on the terminal's antenna of the detector either directly or by means of the extension subassembly with a length of maximum 2.5 m.

DAPT 6-25 kV consists of:

- = detection unit
- = field-detecting electrode
- = permanent magnet
- = extension subassembly for the field-detecting electrode (delivered separately, only on request)

The device also includes a self-test system operated manually by means of a test button. ROMIND T&G provides technical assistance for the mounting of DAPT 6-35 kV, against payment.



Technical characteristics

Nominal operating voltage (kV)	6 ÷ 35
Intermittent signalling of voltage presence - Optical signal (red light)(mCd)	min. 1.000
Intermittent signalling of voltage presence - Acoustic signal (dB(A))	min. 67
Optical signalling in case of supply from an external source	Green continuous light
Optical signalling of the correct level of the supply from an external source	Yellow continuous light
Operating temperature range (°C)	-15...+45
Supply - alkaline battery included in each detector or from external source (see SA-01A)	9 V Type 6LR61
Protection class	IP 20
Overall dimensions (mm)	195 x 72 x 28
Weight(kg)	0,2

Signalling device for voltage presence - DIPT type

Code: DIPT 6-35 kV

The DIPT 6-35 kV device is designed to warn working personnel against the accidental access beyond protective enclosures of indoor medium voltage power installations. It is installed on the flat bars of the power installation even without de-energising them first, by means of an appropriate insulating stick.

The device does not require its own supply source, as it is powered directly by the existing voltage on the flat bars of the power installation. Voltage presence on the flat bars of the power installation is signalled by intermittent (red) optical signals.



Technical characteristics

Rated voltage of the installation (kV)	6 ÷ 35
Signalling frequency (s)	≤ 12
Frequency of the rated voltage of the installation (kV)	50 Hz
Operating temperature range (°C)	-10...+ 45
Optical signalling	7 red LEDs
Thickness of the flat bar where the device can be mounted (mm)	max. 28
Overall dimensions (mm)	80 x 110 x 50
Weight (kg)	0,26