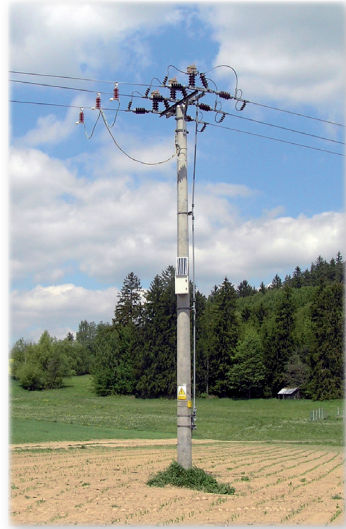




MEg61.4 indicator set



Description

MEg61.4 indicator set is intended for indication of earthing and short circuit on high voltage lines behind the place of its installation. This set is an individual element that is linked to the information system of control centre through the remote GSM communication with standardized protocol according to the norm ČSN EN 60870-5-104. In interaction with other indicators, this indicator enables systemically more reliable identification of affected section of compensated high voltage network or high voltage network with earthed centre.

Mounting set consists of MEg61.4 indicator set, MEg103 source with a pair of photovoltaic panels, waterproof boxes and construction components. This indicator is intended to be installed on the mast of high voltage overhead line with planar arrangement of phase lines. The mast shall not be overshadowed from the south. According to the level of GSM signal, the appropriate type of antenna is selected.

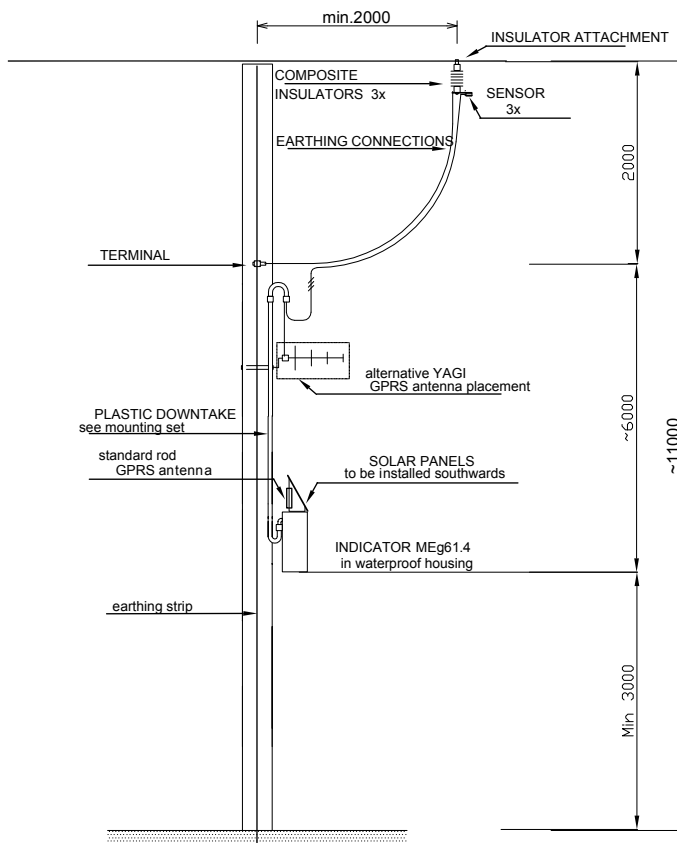
An advantage of this mounting set is the possibility to install this set by the live working technology thanks to using of electric and magnetic sensor placed on composite insulators in defined distance from phase lines.

In case of presence of instrument transformers or capacitive dividers in the place of installation it is possible to use the signals from these elements for function of the MEg61.4 indicator.

TECHNICAL SPECIFICATIONS

Dimensions of the mounting set:	750×330×300 mm (including solar panels)
Dimensions of housing:	400×300×200 mm
Weight:	13 kg
Voltage level:	22 kV / 35 kV
Method of attachment to the mast:	One pair of Bandimex strip (width 16 mm)
Ingress protection rating:	IP66
Resistance of mounting accessories:	UV radiation proof
Operating temperature:	-25 °C to +60 °C
GSM communication:	standardized protocol according to ČSN EN 60870-5-104

Installation of mounting set of Indicator MEg61.4 on the high voltage line mast



Manufacturer

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Edition: 03/2012