OPJC PROTECTIVE SHIELD FOR SUPPLY WIRE OF ELECTRIC TRACTIONS

APPLICATION AREA

The fixed protective shield of the OPJC type is designed for safeguarding of electric traction supply wires against accidental touching of energized wires by passing personnel or other persons that may approach or work nearby, e.g. at crossing of walkways with transportation roads, at loading and unloading stations at underground mining operations where electric traction with the rated voltage of 250 V is deployed.

APPLICATION CONDITIONS

The OPJC fixed protective shield for trolley wires of electric traction networks is suitable for working areas of underground operations without the hazard of methane explosion and the ones with the 'a' degree of methane explosion hazard as well as with the 'A' class of coal dust explosion hazard.

TECHNICAL CHARACTERISTICS

The OPJC fixed protective shield for trolley wires is made up of the following components:

- channel bar made of non-conductive material,
- support structure to fix the shielding channel onto the trolley wire

CONFORMITY WITH STANDARDS

The OPJC fixed protective shield for trolley wires of electric traction networks are manufactured in line with rules of good engineering practice in the field of occupational safety as well as current state-of-art in technical expertise with consideration to applicable technical standards and the 2014/35/UE Low-Voltage Directive.

MARKING CODE

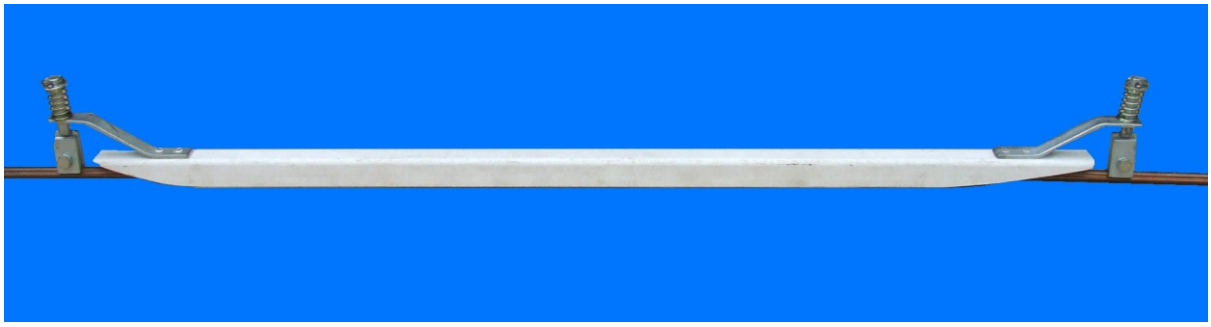
OPJC 2 / 3

Shield type
1 – for a single trolley wire
2 – for doubled trolley wires

Shield length in metres
1 – 1 meter
...
5 – 5 metres

TECHNICAL PARAMETERS

Shield type	Rated DC traction voltage [V]	Channel bar web dimension [mm]	Channel bar side dimension [mm]	Shield length [mm]	Maximum temperature of continuous operations [ºC]
OPJC 1/… (for a single trolley wire)	250	30	30	1000÷5000	120
OPJC 2/… (for doubled trolley wires)	250	52	30	1000÷5000	120



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