



CABLE CONNECTORS FOR LIGHTING POLES:

- IZK-4-01 insulating fuse connector
- IZK-4-02 insulating phase connector
- IZK-4-03/c insulating neutral connector
- ZK-4-04/c neutral connector

USE

Cable connectors are designed to be installed in lockable handholes in lighting poles and illuminated road signs, with access restricted to qualified personnel only.

ASSEMBLY, MAINTENANCE, AND SAFE USE

The assembly and installation of products, as well as all maintenance and repair work, should be carried out by persons qualified and authorised in accordance with the regulations applicable to the operation of power lines.

Should any damage or irregularities be found, discontinue use of the products and immediately report them to a qualified and authorised person in order to eliminate any irregularities.

SPECIFICATION

Rated insulation voltage	$U_i = 500V$	
Rated withstand voltage	$U_{imp} = 4kV$	
Protection code	IP54	
Protection class	II (reinforced insulation) with the exception of connector ZK-4-04/c	
Rated connection current (main circuit)	100A	
Rated current of the fuse link	16A D01 gL	
Cross-section of connection cables	4mm ² -50mm ² number of cable wires 1-4 wires	
Impact rating	IK10 (provided by the lighting pole cover)	
Types of earthing systems	TT (for systems in protection class II)	
Operating temperature	-25°C to 40°C	
Overvoltage category	III (distribution circuit level)	
Connection cables	With double or reinforced insulation	
Clamp tightening torque	$M_n = 5.5Nm$	
Environment pollution degree	3	
Mass		
IZK-4-01	0.18 kg	
IZK-4-02	0.14 kg	
IZK-4-03/c	0.13 kg	
ZK-4-04/c	0.09 kg	

HOW TO ORDER

The order should include:

- The name and number of the connector,
- The number of connectors

CABLE CONNECTORS FOR LIGHTING POLES:

- IZK-2-02a insulating phase connector
- IZK-2-01a insulating fuse connector

USE

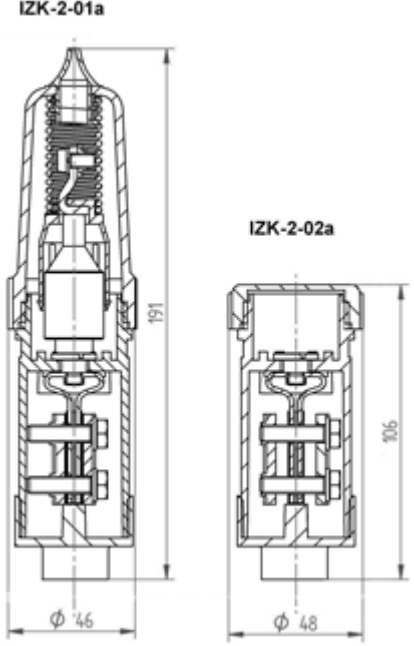
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SPECIFICATION

Rated insulation voltage	$U_i = 500V$	
Rated withstand voltage	$U_{imp} = 4kV$	
Protection code	IP54	
Protection class	II (reinforced insulation)	
Rated connection current (main circuit)	100A	
Rated current of the fuse link	16A DII gG/BiWtz	
Cross-section of connection cables	4mm ² -50mm ² number of cable wires 1-4 wires	
Impact rating	IK10 (provided by the lighting pole cover)	
Types of earthing systems	TT (for systems in protection class II)	
Operating temperature	-25°C to 40°C	
Overvoltage category	III (distribution circuit level)	
Connection cables	With double or reinforced insulation	
Clamp tightening torque	$M_n = 5.5Nm$	
Environment pollution degree	3	
Mass		
IZK-2-01a	0.26 kg	
IZK-2-02a	0.16 kg	

The above connectors are used in conjunction with the ZK-4-04/c Neutral Connector or the IZK-4-03/c Insulating Neutral Connector.

The order should include:

- The name and number of the connector,
- The number of connectors