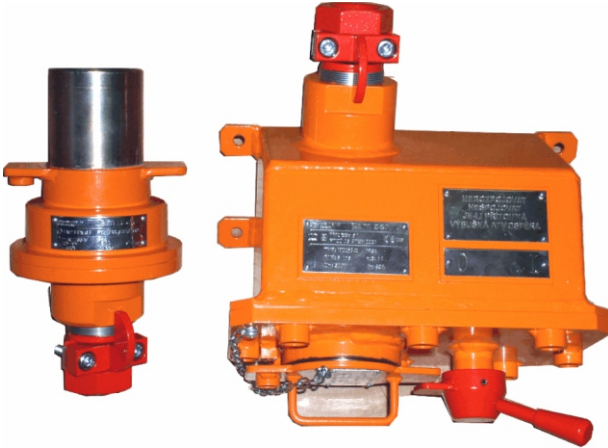




## NZZ 63 – 63 A Plug, Socket

 Certificate: ATEX



### Technical Parameters:

Model	I M2 Exd I
Supply voltage	500 V/50 Hz/AC
Maximum current load	63 A/AC
Number of contacts	3 phases, 1 PE
Working position	Any
Socket conductor cross-section	4 – 16 mm <sup>2</sup>
Plug conductor cross-section	4 – 16 mm <sup>2</sup>
Ambient temperature	-25°C - + 40°C
Relative humidity	95% w/o condensation
Protection	IP 54
Socket dimensions	270 x 164 mm
Plug dimensions	250 x 128 mm

### Use:

A non-explosive jumper serves for connecting (prolongation) cables and connecting various electrical devices. It is intended for use in a mine environment with a methane and coal dust explosion hazard.

### Description:

#### Plug

A non-explosive cable plug is made in an Exd enclosure. It consists of three parts – a plug, switch and case which form one whole when assembled, screwed together and secured. The socket is connected and disconnected when the switch is switched-off, which is secured by a blocking lever. By releasing the blocking lever the voltage supply is disconnected and it is possible to plug-in the socket.

The socket is formed by four contacts. The contacts are insulated. Cable cores secured by two screws on their perimeter are inserted to socket contacts from the inside of the bushing. The opposite side of the cable is connected to the switch output terminals. A cable is led to the switch input terminals through a bushing, which is placed on the firm enclosure.

#### Plug

Non-explosive cable plug is made in a firm Exd enclosure. It consists of two main parts, a plug and a body made as an enclosure with a bushing which form one whole when assembled, screwed together and secured. The plug is connected and disconnected under a switched-off and secured electrical circuit. The plug contains four contact pins of a round cross-section.

**The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.**