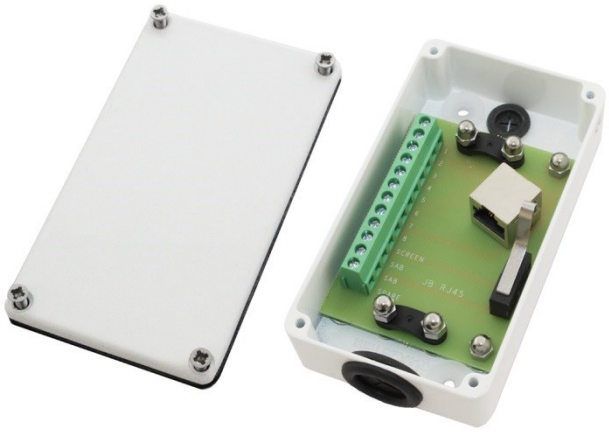
ALARMTECH

Junction box

Instruction Manual JB-RJ45



DESCRIPTION

The JB RJ45 junction box is made to simplify the connection between different devices in alarm and security access control systems.

The junction box is equipped with a RJ45 jack and 12 screw terminals, two of which are intended for the tamper protection against unauthorized opening. The screw terminals have self-lifting clamps with wire guard to enable a fast and safe installation.

The junction box is made of white painted steel and is suitable for use in industrial, commercial and military installations, especially sliding doors, garage doors, and industrial gates of folding or overhead type.

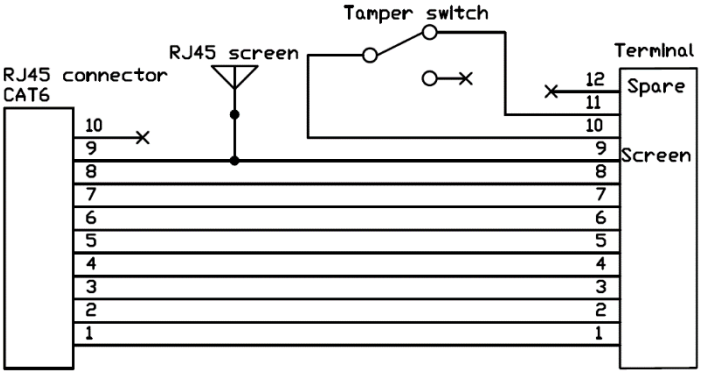
There are two cable inlets on the junction box. One on the backside of the box and one on the bottom for the RJ45 jack. There is also a strain relief to protect and secure the cable.

The coiled cable DL S8-250, which is equipped with RJ45 connectors in each end, allows for connection of two JB RJ45 junction boxes as a door loop. DL S8-250 is made of PUR and has an extendible length up to 2500 mm.

MOUNTING INSTRUCTIONS

- Base of metal housing should be mounted on the surface using screws insulated by plastic adaptors
- Metal base allows installation directly in the point where the cable is located or the cable can passing the side through grommet
- Installed cable relief reduces tension and protects the cable.

CIRCUIT DIAGRAM



OPERATING PRINCIPLE

The product JB-RJ45 is dedicated to connection and signal transmission between alarm system devices.

8 connections 1-to-1 between connector RJ45 and terminal block, 2 pins in terminal block to tamper switch, 1 to ground + 1 spare.

TECHNICAL DATA

Tamper protection	Opening
Tamper contact rating	50 mA / 48 VDC
Contact rating max.	0,5 A / 48 VDC
RJ45 connection	CAT 6; 8 poles
Housing material	Aluminium alloy
Colour	White
Dimensions (L x W x H) mm	117 x 65 x 34
Wire range	max 2.5 mm^2
Surface mounting	2 x SCREW or BOLT M4 (not included)
Terminal block type	12 way screw terminal

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