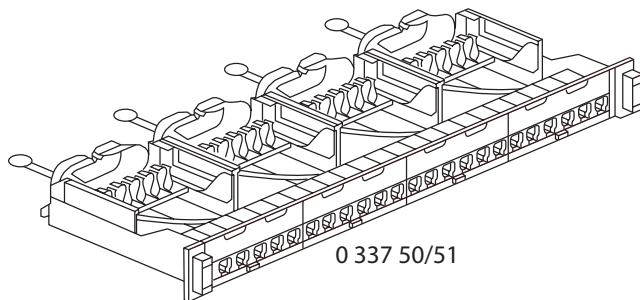


## LCS<sup>3</sup> RJ45 Cat. 5e panel and connectors

Cat. No(s): 0 337 50/51/53/54



0 337 50/51



0 337 53/54



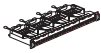

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## 1. GENERAL CHARACTERISTICS

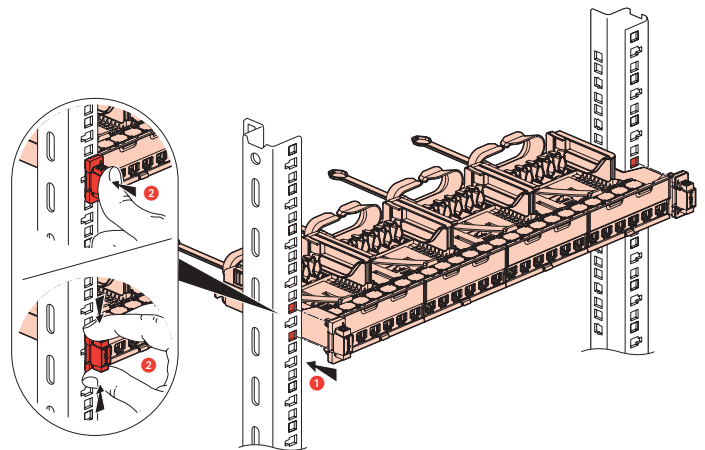
Equipped with new-generation Soluclips for automatic fixing (screwless) on cabinet and enclosure uprights  
Universal mounting of all cabinets or enclosures  
The panels automatically earth each connector  
Equipped with rear cable guide to hold cable during maintenance  
Equipped with 4 cassettes of 6 LCS3 RJ45 Cat. 5E connectors with toolless fast connection, marked 568 A/B  
Supplied with coloured labels  
Conforming to standards ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1  
19" panel - 1 U  
Cassettes removed automatically by simple pressure  
Each connector can be removed individually

Description		UTP 	FTP 	Weight (g)
	Panel with 24 RJ45 Cat. 5e UTP	0 337 50		1786
	Panel with 24 RJ45 Cat. 5e FTP		0 337 51	1786
	Connector with 6 RJ45 Cat. 5e UTP	0 337 53		11
	Connector with 6 RJ45 Cat. 5e FTP		0 337 54	11

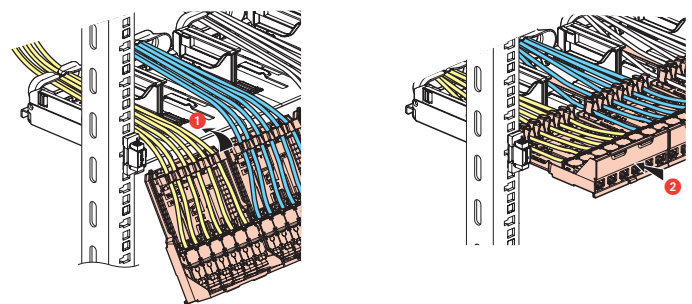
## 2. POSITIONING

The connectors are connected from the front without a special tool.  
- Connectors clip onto the panel individually  
No need for cable ties: the cable is held in its cable guide.

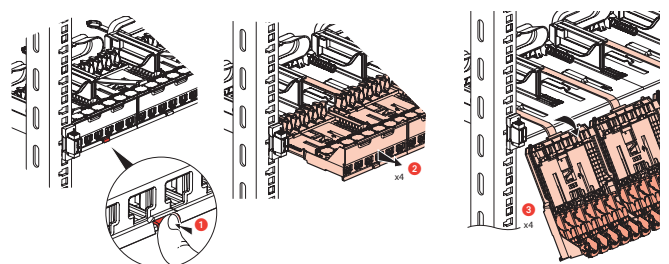
### Mounting a panel



### Mounting a cassette



### Removing a cassette



### 3. TECHNICAL CHARACTERISTICS

#### ■ 3.1 Material characteristics

Panel: DC01 galvanised sheet steel

Connector:

- Contacts: gold/nickel, thickness of gold > 0.8 µm minimum
- Metal parts: bronze, nickel, platinum, gold
- Polycarbonate PBT

#### ■ 3.2 Electrical characteristics

Breakdown voltage: 1000 V

Contact resistance: 20 mΩ

Insulation resistance: 500 MΩ under 100 V DC

Withstand performance to a POE signal up to 50 W

#### ■ 3.3 Mechanical characteristics

Max. number of connections and disconnections: 5 without replacing the wire

Endurance: 2500 operations (plug-in/pull-out)

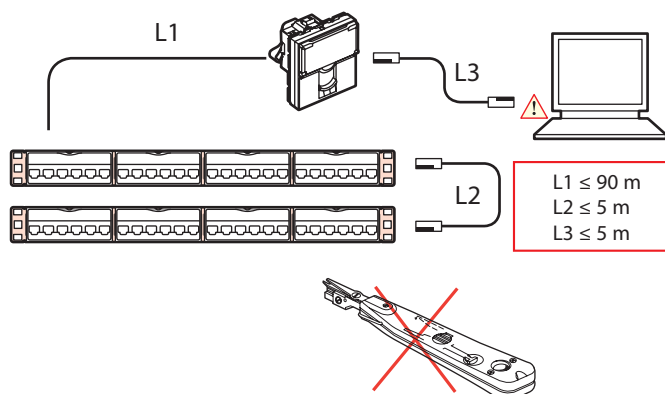
IK03

#### ■ 3.4 Climatic characteristics

Operating temperature: -40°C to +70°C

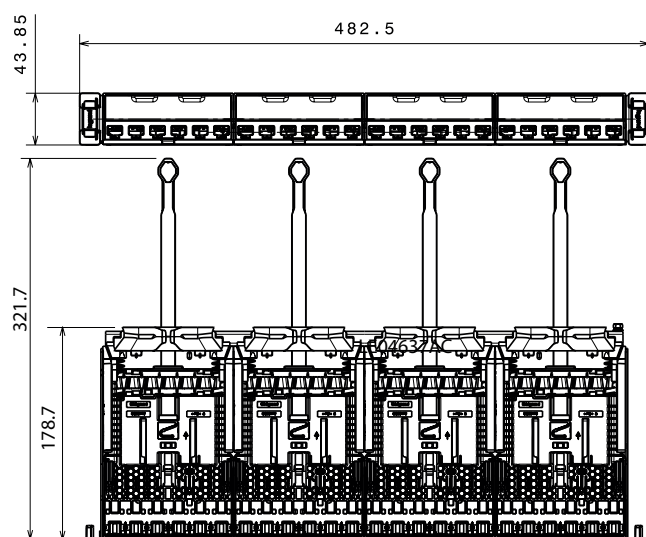
Humid heat 21-day cycle

### 4. INSTALLATION

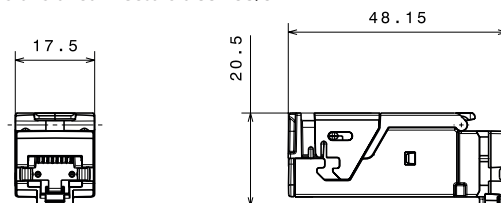


### 5. DIMENSIONS

Dimensions of panels 0 337 50/51



Dimensions of connectors 0 337 53/54



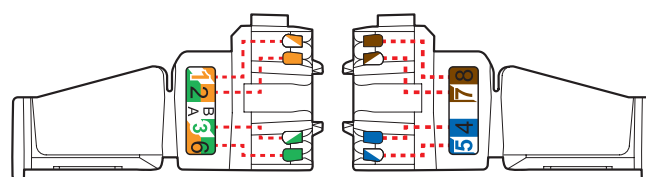
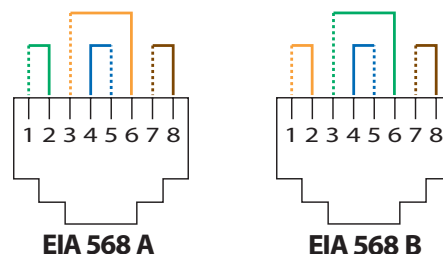
### 6. TYPICAL RJ45 CONNECTION

Takes the following plugs:

RJ11 (4 contacts), RJ12 (6 contacts), RJ45 (9 contacts).

EIA/TIA 568 A and B dual colour code on terminals:

- UTP (8 contacts)
- FTP (9 contacts)

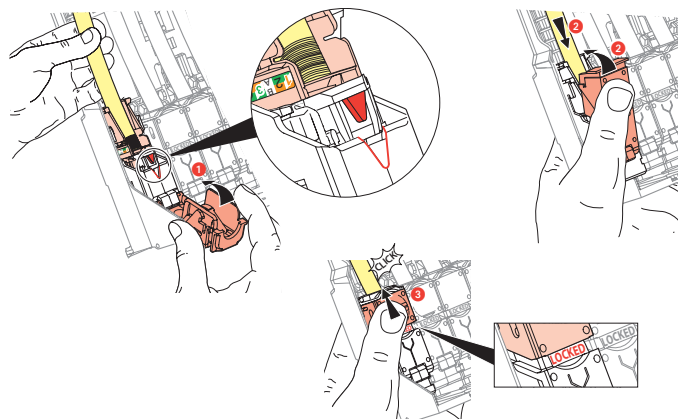


Permissible conductors:

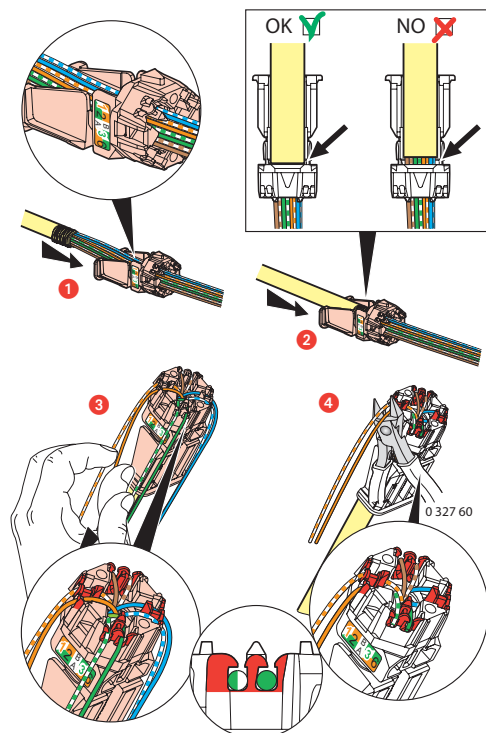
- Single-core: 0.5 to 0.65 mm, AWG 22 to 26
- Multicore: AWG 26
- Polyethylene conductor insulation: Max. insulation Ø: 1.58 mm

Number of wires to be connected per connection: 1

RJ45 connectors are equipped with a locking nut. They do not require a special tool and can be re-wired if a mistake is made.



This system makes it easy to spread pairs before fitting them onto the connector.



Spreading the cables allows you to ensure that a pair-breakage distance of 13 mm is kept between each pair.  
Spreading pairs at 90° to the cable ensures the best possible performance.