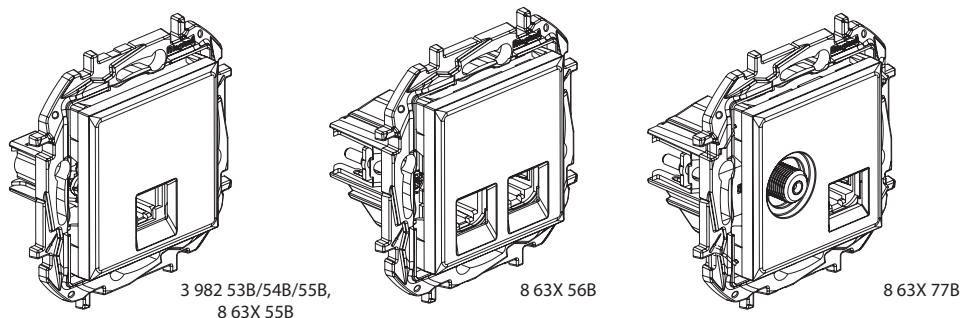


Niloé™ STEP

RJ11 socket, RJ11+RJ45 socket, TV-F-TYPE+RJ45 socket

Cat. No(s): 3 982 53B/54B/55B - 8 631 55B/56B/77B - 8 633 55B/56B/77B
- 8 634 55B/56B/77B - 8 635 55B/56B/77B



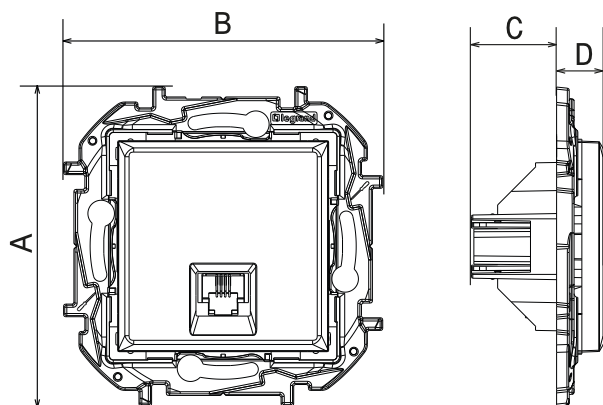
1. USE

Category 6 RJ45 socket.
Allows high-speed transmissions (Gigabit Ethernet).
Can be flush mounted in a box min. 40 mm deep.
To be equipped with plate.

2. RANGE

Description	White	Aluminium	Medium Grey	Black
RJ11	3 982 53B, 8 631 55B	3 982 54B, 8 633 55B	8 634 55B	3 982 55B, 8 635 55B
RJ11+RJ45 CAT6 UTP	8 631 56B	8 633 56B	8 634 56B	8 635 56B
TV F-TYPE STAR+RJ45 CAT6 UTP	8 631 77B	8 633 77B	8 634 77B	8 635 77B

3. DIMENSIONS (mm)

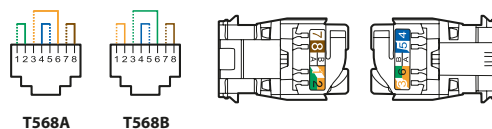


Reference	A	B	C	D
3 982 53B/54B/55B, 8 63X 56B	75.8	75.8	20.2	11
8 63X 56B	75.8	75.8	30	11.3
8 63X 77B	75.8	75.8	30	13.8

4. CONNECTION

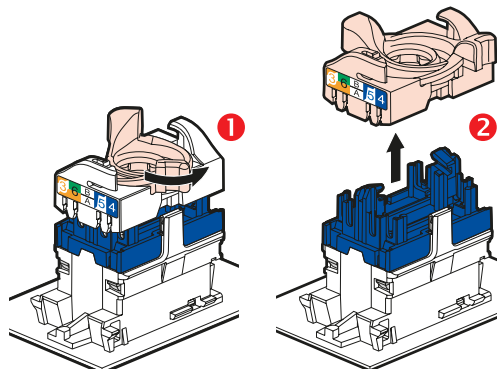
■ 4.1 RJ 45

Accepts the following cable connectors:
RJ 11 (4 contacts), RJ 12 (6 contacts), RJ 45 (9 contacts).
Double colour code T568A and T568B on terminals:
UTP 8 contacts
FTP 9 contacts
STP 9 contacts 360° screen

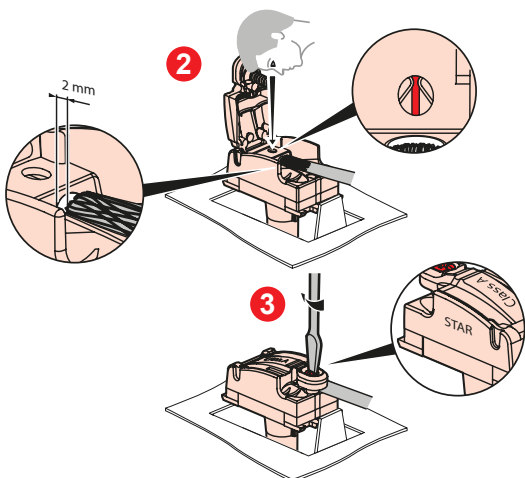
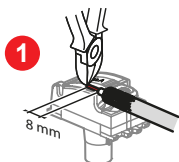
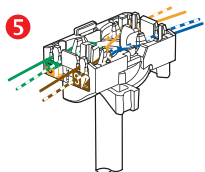
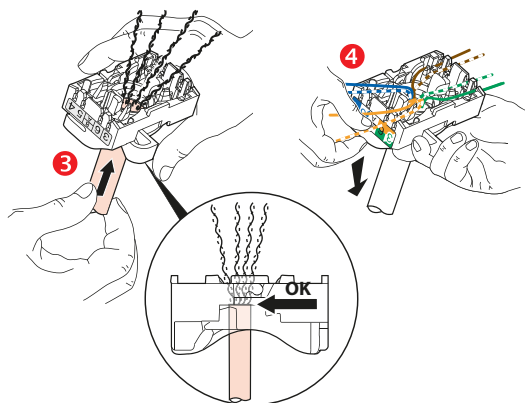


Conductors supported:

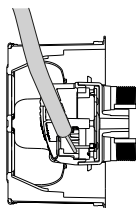
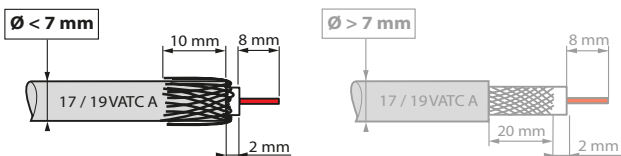
- Single core/Multicore: 0.4 to 0.65 mm, AWG 26 to 22
 - Polyethylene conductor insulation: Ø on insulation 0.85 to 1.7 mm
- RJ45 connectors are equipped with a locking nut. They do not require a special tool and can be re-wired if a mistake is made.



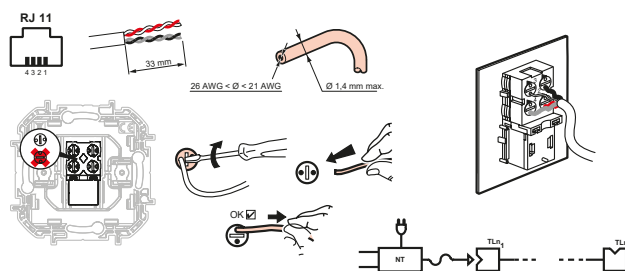
This system makes it easy to spread pairs before fitting them onto the connector.



6. WIRING PRECAUTIONS



By restricting deformation of the coaxial cable, the rear connection avoids impedance discontinuity, thereby sustaining performance



5. TECHNICAL CHARACTERISTICS

■ 5.1 Mechanical characteristics

Protection against impacts: IK 04
Protection against solid/bodies and liquids: IP 20
Maximum number of connections and disconnections: 5 without replacing the wire.
Endurance: 2500 operations (plugging in/unplugging).

■ 5.2 Material characteristics

Mat appearance

Material: - Cover: ABS
- Base (simple RJ) : PC
- Base (double RJ) : PC grey RAL 7016 + 10 % glass fiber
- Base (TV+RJ45) : PC grey RAL 7016 + 10 % glass fiber
- Halogen-free

Motor: - Casing: zamac
- Cover: zamac
- Pin: bronze
1- screw: galvanized steel

Self-extinguishing:
850°C/30 s for installing components holding live parts in place
650°C/30 s for other insulating components

■ 5.3 ELECTRICAL CHARACTERISTICS

Breakdown voltage 1000 VDC
Contact resistance 20 mΩ
Insulation resistance 500 mΩ at 100 VDC
Tested and independently certified to comply with IEC 60512-99-001 and IEC 60512-99-002 for PoE support up to 90 W (Type 4).

■ 5.4 Climate characteristics

Storage temperature: -10°C to +70°C
Usage temperature: -5°C to +40°C

6. MAINTENANCE

Surface cleaning with a cloth.

Do not use:
Acetone, tar remover, trichloroethylene.

Maintenance with the following products:
Hexane, Methylated spirit, Soapy water, Diluted ammonia, Bleach diluted to 10%, Window-cleaning products.

Caution: Always test before using other special cleaning products.

7. STANDARDS AND APPROVALS

Compliance with standards of installation and manufacturing.
Refer to e. catalogue.

The undersigned, LEGRAND, declares that the radio-electric equipment type (Cat. Nos 3 982 53B - 3 982 54B - 3 982 55B - 8 631 55B - 8 631 56B - 8 631 77B - 8 633 55B - 8 633 56B - 8 633 77B - 8 634 55B - 8 634 56B - 8 634 77B - 8 635 55B - 8 635 56B - 8 635 77B) complies with directive 2014/53/EU.

The full text of the EU declaration of conformity is available on the following website: www.legrand.com/ecatalogue

■ 7.1 Performance of components (RJ 45 connectors)

