

## Data Sheet

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### RJ45 UTP Cat.5e ICT socket, keystone white, code: EM/FA-682MK-8-C5E

#### Description and Technical Characteristics of the Product:

UTP RJ45 Cat.5e keystone socket can be installed in any keystone connector adapter with dimensions (H x W) of 16.10x14.50mm, such as 45x45 socket adapters, electrical equipment frames, modular panels, and so the list of applications for this socket is very long. The socket has a split IDC connector cover and 568A/B-type colour-coded connection sequence marking.



#### Products compatible with the socket:

##### panels:

19" panel 24xRJ45 UTP Cat.5e (1U) black, code: FU/PPFA652K248C5E

19" panel 24xRJ45 UTP Cat.5e (1U) with shelf, code: EMS/PPFA652K248C5E

10" panel 12xRJ45 UTP Cat.5e (1U) black, code: FU/PPFA8075K128C5E

##### Cables:

Emiter Net UTP Cat.5e, solid-core cable, standard, code: K/EMITERNET-UTP5EPVC-STD.

Emiter Net UTP Cat.5e, solid-core cable, 4x2x23AWG, code: K/EMITERNET-UTP5EPVC.

#### Technical parameters:

##### Mechanical:

colour - white

dimensions (W x H x D) – 20x25x33mm

weight - 8.5g

##### Socket:

IDC-LSA type connector

material: PC enclosure, UL 94V-0

IDC contact: phosphor bronze, coated with 100-micron nickel layer, outer layer: 150-micron tin

Contacts in RJ45 socket - phosphor bronze pins coated with 100-micron nickel layer, outer layer: 30-micron gold

##### Mechanical parameters:

RJ45 socket - 500 plug-in cycles

IDC connector - 60 connection cycles

Cable size 24 to 26 AWG

Operating temperature: -10°C to +68°C,

Humidity - 10% to 90%

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### **Electrical parameters:**

Maximum current value 1.5A

Maximum voltage 150V

Maximum contact resistance 20mΩ

Minimum insulation resistance 500MΩ

### **Transmission parameters:**

Transmission parameters in accordance with PN - EN 50173 EIA/TIA 568B ISO/IEC 11801 2nd ed.; IEC 61156-6; EN 50288-4-2

### **Note:**

One- or two-module adapters are required for mounting the sockets in the boxes or ducts.

We have made every effort to ensure that the information presented is accurate and complete. However, we are not responsible for the accuracy and completeness of the data and, in particular, we cannot guarantee that this specification does not contain errors or mistakes. The information contained in this specification may be changed at any time without notice.