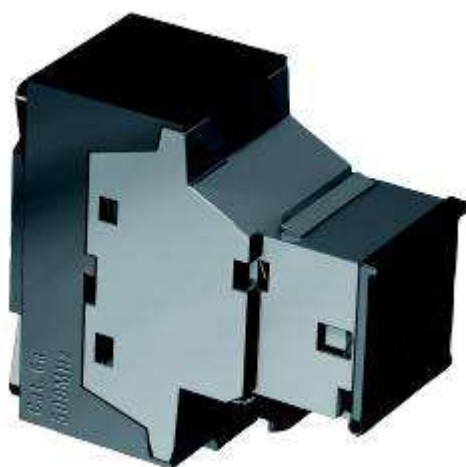




Descriptions

- ZAMAK connector (Faraday cage, 360° shielding) validated according to Direct Probing method
- Compactness of MK 6A connector improve cable's management and obstruction
- Embedded metallic ground plan
- GoldXTR compensation (low resistance thanks to gold properties) on the printed circuit
- HD printed circuit (High Density)
- Connection comb in polyamide and glass fibre
- Contacts on two levels to optimize crosstalk
- Equipped with a back cap multi direction (lateral or axial) to adapt the bending of radius of cable
- 4 insertors for a quick connection and safety by a mechanical blocking
- Connecting without tool
- Dust-protecting shutter dismountable before or after assembling, available in various colours
- Visibility of the code colour to ensure a visual monitoring during connection
- Metal contact for grouding on the patch panel
- Keystone type
- Option : metallic dust-protecting shutter to improve Alien crosstalk performances on the patch panel side

Standards & performances

CONNECTOR	SYSTEM
IEC 60603-7-51	EIA/TIA 568-C.2
EN 60603-7-51 Ed 1.0	ISO 11801 Classe Ea Amd 1.0 & 2.0

DELTA Electronics certified

REF: MK6AFS

CAT6A full shielded RJ45 tooless modular keystone connector

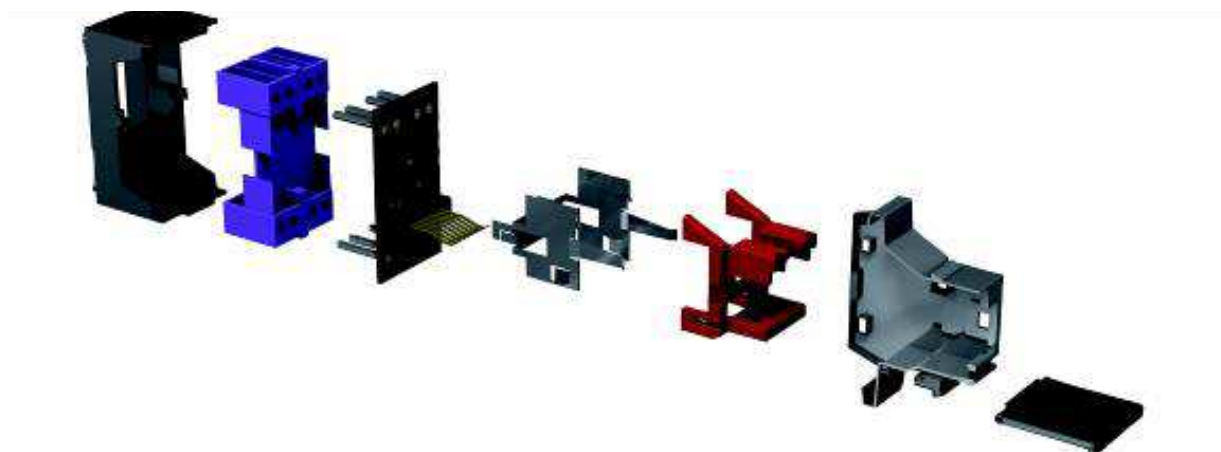
Electrical properties

Resistance of contact	$\leq 20 \text{ m}\Omega$ IEC 60512-2-1 Test 2a
Resistance of input/output	$\leq 200 \text{ m}\Omega$ IEC 60512-2-1 Test 2a
Resistance of insulation	$\geq 500 \text{ M}\Omega$ à 100V DC IEC 60512-3-1Test 3a
Voltage	$\geq 1000\text{V DC}$ contact to contact
	$\geq 1500\text{V DC}$ contact to screen (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 750
Intensity	$\leq 0.175\text{mA}$ by conductorr
Operating voltage	$\leq 72\text{V DC}$
Capacity of power	$\leq 10\text{W}$
Disturbance of vibration	$\leq 10\mu\text{s}$ (25-250 Hz, 5g, 3 axes) (IEC 60512-4-1 Test 2e)

Technical properties

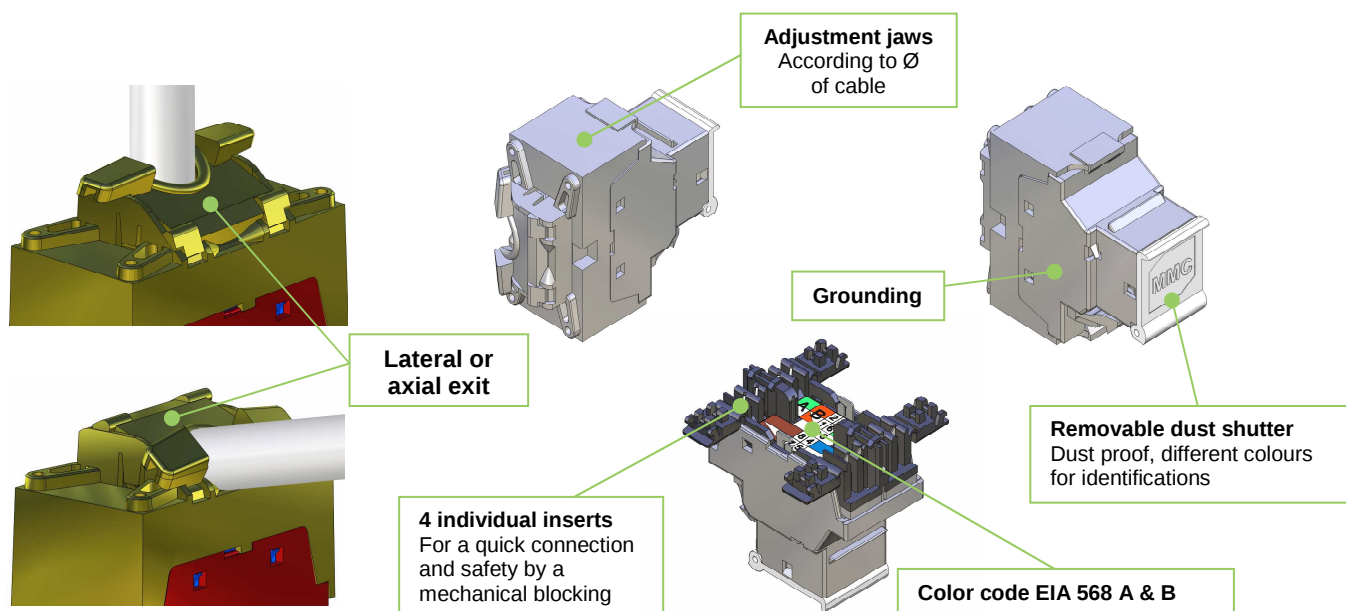
Connection without tool by CAD	Bronze + platine / Cu + SnPb 8 μm
Solid conductor	AWG 22 to AWG 24
Contacts	Bronze, platine Ni+Au 0.2 μm
Metal body	ZAMAK 5
Operating Temperature	-40°C to 70°C
Colour code	T568A et T568B

Exploded view & 3D picture



REF: MK6AFS

CAT6A full shielded RJ45 toolless modular keystone connector



Related product

Part number	Designation
MK6Vx	Colored dust protecting shutters for MK series : Blue/Yellow/Red/Green

Ordering information

Item No	Designation	Packaging
MK6AFS	RJ45 MK connector full shielded category 6A	8 in box