

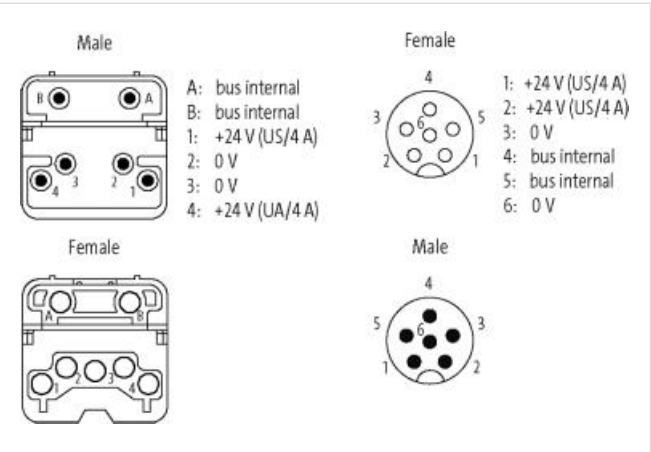
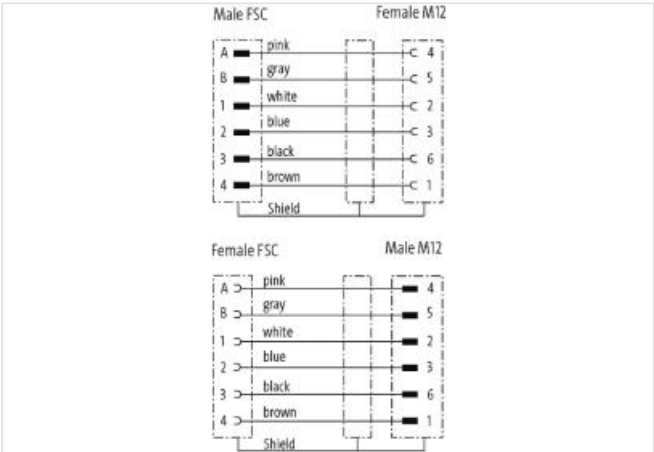
Cube67 Accessories

fast system connectors for CUBE67

Cube67 FSC Connector Set
with mounting socket
Han-Brid®, 6-pole – M12, 6-pole
Cable length (120 mm)

Link to Product

Illustration



Product may differ from Image

Commercial data	
ECLASS-6.0	27143423
ECLASS-6.1	27242692
ECLASS-7.0	27242692
ECLASS-8.0	27242692
ECLASS-9.0	27242692
ECLASS-10.1	27242692
ECLASS-11.1	27242692
ECLASS-12.0	27242692
ETIM-5.0	EC002640
customs tariff number	85444290
GTIN	4048879540810

Packaging unit 1

Electrical data | Supply

Operating voltage DC 24 V

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65

Mechanical data | Mounting data

Height 30 mm

Width 410 mm

Depth 30 mm

Environmental characteristics | Climatic

Operating temperature min. -25 °C

Operating temperature max. 85 °C

Installation | Cable

Cable identification 802

Function cable Hybrid, Signal, Data

Jacket Color green

Type of Certificate cURus

Amount stranding 1

Stranding 2 wires twisted

Amount stranding (type 2) 1

Stranding (type 2) 4 wires with Stranding combination with 3 Filler twisted

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 80 %

Banding Fleece

Filler yes

wire arrangement (gray, pink), blue, white, brown, black

Cable weight 77 g/m

Material jacket PUR

Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free

Outer-diameter (jacket) 6,6 mm

 Tolerance outer diameter (sheath) $\pm 5\%$

Material wire insulation PP

Amount wires 4

Outer diameter insulation 1,4 mm

 Outer diameter tolerance core insulation $\pm 5\%$

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Amount strands (wire) 64

Diameter of single wires 0,1 mm

 Conductor crosssection (wire) 0,5 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Material wire insulation (Data) PP

Outer diameter wire insulation (Data) 1,1 mm

 Tolerance outer diameter wire insulation (data) $\pm 5\%$

Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Amount wires (Data) 2

Amount strands wire (Data) 32

Diameter of single wires (Data) 0,1 mm

 Conductor crosssection wire (Data) 0,25 mm²

Material conductor wire (Data) Stranded copper wire, bare

Wire conductor type (Data) strand class 6

Nominal voltage AC max. 300 V

Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6,3 A
Current load capacity min. Wire (Data)	3,2 A
Electrical resistance line constant wire	39 Ω /km @ 20 °C
Electrical resistance coating wire (Data)	79 Ω /km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electric inductivity line constant	0,65 mH/km
Electrical capacity line constant (wire - wire)	63000 pF/km
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,2 kV @ 60 s
Isolation resistance	2000 M Ω × km
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Torsion stress	± 180 °/m