Data sheet R837964

19" 1U Patch Panel HD ELISO 48xRJ45/s, Cat. 6A EL, gray

DESCRIPTION

SCOPE OF SUPPLY

- 48 x Connection Module Category 6A EL, RJ45/s
- 1 x Mounting Set-19"-bk-gy
- 1 x Kit cable ties 24x
- 1 x Manual

TENDER

Patch panel with integrated cable tie shelf, accommodating up to 48 modules, installation-friendly thanks to quick release module holders (special), featuring a complete grounding system and optional cable guides. Designed to accommodate the R&M HD security system, with its 2-level protection concept: color coding, locking option or automated infrastructure management systems. Optional labeling strips, fastening kit, integrated port numbering. Automatic ground contacting by spring contacts. Sub-rack material sheet steel, blue chromatized, front panel plastic (PC), halogen-free, color light grey (RAL 7035).
48 ports populated with RJ45 connection module of Category 6A ISO, for the setting up of transmission channels of Class EA with up to 4 connectors acc. to ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011 (DIN EN 50173-1). The module complies with Category 6A requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well the U.S. standard Category 6A according to TIA 568-C.2, re-embedded tested in acc. with IEC 60603-7-51 and 60512-27-100, interoperable and backwards compatible with Category 6 and Category 5e.

Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 500 MHz and 100 m.

Tested in line with R&M's manufacturing control, performing 100% inspection. Each module has an own serial number and is traceable.
Compatible with RJ standard plugs (RJ11, RJ12, RJ45), connection of installation cables AWG 26 22 (0.4 mm 0.65 mm) and flexible cables AWG 26/7 AWG 22/7 without special tools. Parallel pair termination without crossover in acc. with TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with ≥4 insertion cycles acc. to IEC 60352-3, contact resistance <5 mOhm, dielectric strength >1000 Veff. Supports PoE (IEEE 802.3af), PoEP (IEEE 802.3at), 4PpoE (IEEE 802.3bt) and is compatible to IEC 60512-99-001/002. With integral cable strain relief, including dust cover, nickel plated zinc die-cast housing, ground contacting through 1 contact finger for flat connectors AMP 2.8 x 0.5 mm.
Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2. Connection module Category 6A EL, die-cast, shielded and dust cover.

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Number of connectors (A)	48
Category connector (A)	Cat. 6A ISO
Connector type (A)	RJ45
Protection class IP	IP 20

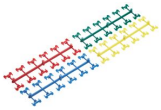
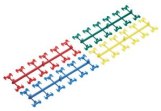
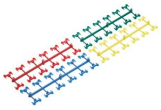
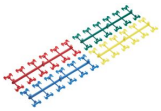
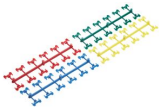
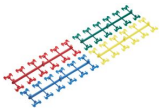
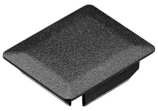
Grounding Module to Panel	Yes
Grounding Panel to Rack	Yes
Grounding Concept	Yes
Dust Protection	Yes, optional
Type of Slot	Assembly
Amount of height units	1 U
Rack mounting version	patch panel
Labeling Field	Yes, optional
Front Design	straight
Cable Tray	Yes
Separate Cable Strain Relief	Yes
Plug-in/Plug-out Protection	Yes, optional
Colour Coding	Yes, optional
AIM Possibility	Yes
Capacity (ports)	48
Fastening	19 "

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Dimensions	483.0 mm x 44.0 mm x 113.0 mm / 19.016 in x 1.732 in x 4.449 in (W x H x D)
Colour Plug-in Module	7035 Light gray
Material	Steel plate, galvanised and blue passivated, PC+ABS, halogen free (UL-HB)

ACCESSORIES

Type	Picture	Description	Article	E-Number
Accessories		Protective Conductor Terminal 6 mm²	R302150	
Accessories		Label Holder HD	R512430	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512748	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512749	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512750	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512751	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512752	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512753	

Type	Picture	Description	Article	E-Number
Accessories		HD Hinged Dust Cover Security Level 1 H	R512754	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512755	
Accessories		HD Hinged Dust Cover Security Level 1 H	R512756	
Accessories		Plug Guard Security Level 3 HD PP IP20	R512757	
Accessories		Plug Guard Security Level 3 HD PP IP20	R512758	
Accessories		Plug Guard Security Level 3 HD PP IP20	R512759	
Accessories		inteliPhy AIM HD Panel Sensorbar mount	R809355	
Accessories		Clip Security Level 1 PC PP IP20 red	R810639	
Accessories		Clip Security Level 1 PC PP IP20 green	R810640	
Accessories		Clip Security Level 1 PC PP IP20 yellow	R812460	
Accessories		Clip Security Level 1 PC PP IP20 blue	R812461	
Accessories		Clip Security Level 1 PC PP IP20 gray	R820300	
Accessories		Clip Security Level 1 PC PP IP20 brown	R832236	
Accessories		inteliPhy AIM Sensorbar for 19" 1U Patch	R837017	
Accessories		19" 1U Patch Panel HD ELISO, cable gui	R837062	
Accessories		Blind cover global, ho/ve, pure white	R842592	
Accessories		Blind cover global, ho/ve, jet black	R842593	
Accessories		Blind cover global, ho/ve, signal white	R842594	