

Data sheet

E-DAT C6_A 24 port patch panel 1RU LSA

Page 1/6

P/N

130855C-E

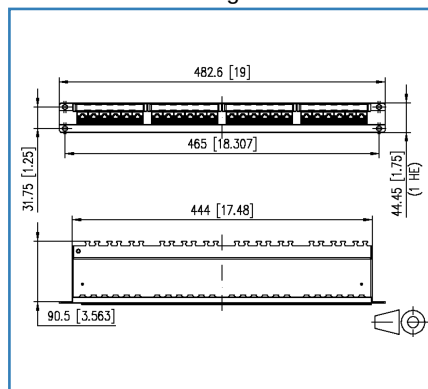
EAN 4250184118572

2018-15-03

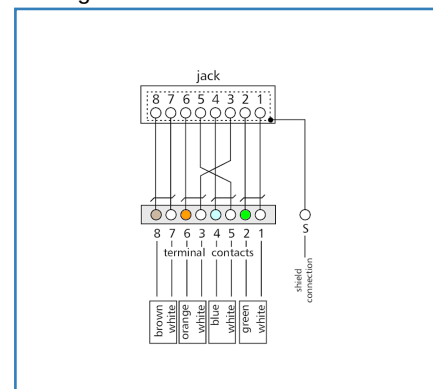
Illustrations



Dimensional drawing



Wiring



See enlarged drawings at the end of document



Product specification

- 19 inch 1RU frame made of silver anodized aluminum with 24 individually shielded RJ45 jacks
- component testing for Cat.6_A to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09, TIA/EIA-568-C.2 (2009-08) and IEC 60603-7-51 Ed.1 (12/2008), certified to GHMT
- compliance with class E_A up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: component up to 600 MHz, link up to 800 MHz
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- wire pairs can be led to the LSA terminal without untwisting the pair
- connection of 2 to 4-pair data lines to LSA insulation displacement connectors (AWG 26/1-22/1) conductor colors marking to T568A



Technical Data

General Data

Fields of application

	Office
Design	patch panel
Mounting style	1RU
Shielding	shielded
Transmission technology	Copper
Wiring	T568A
Color	anodized alu.
Dimensions	
Dimension (L x W x H)	90.50 x 444.00 x 44.45 mm
Dimension (L x W x H)	3.563 x 17.48 x 1.75 in.
Inches	19 inches
Height unit	1RU
Labeling option	printed numbers

Transmission characteristics

Category (ISO)	6 _A
Class (ISO/IEC)	E _A
Category (TIA)	6A
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes
Transmission rate up to 10 GBit (Gigabit-Ethernet)	IEEE 802.3an

Connections/interfaces

Connector technology interface 1	LSA terminal block
Connector technology interface 2	RJ45-jack
Number of ports interface 2	24
Number of equipped ports interface 2	24
Number of positions/contacts interface 1	24 x 8
Number of positions/contacts interface 2	24 x 8P/8C



Technical Data

Connections/interfaces

Termination data, solid wire (min. - max.)

Conductor cross section, solid wire	AWG 26/1 - 22/1
Conductor cross section, solid wire	0.128 - 0.324 mm ²
Conductor diameter, solid wire (bare copper)	0.409 - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 - 0.025 in.
Cable access/outlet	180°
Shield connection	flexible contact spring

Electrical characteristics

Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC

Mechanical characteristics

Insertion and withdrawal force	max. 20 N
Life - Number of mating cycles	min. 750
Position/mounting of latch - standard installation position	top

Materials and material properties

Material - Terminal block housing	PBT (polybutylene terephthalate)
Material - Jack contact	CuSn (tin bronze)
Material - Jack contact finish	Ni + Au (nickel-gold)
Material - Terminal block contact	CuZn (brass)
Material - Terminal block contact finish	Sn (tin)
Material - Module support	Al (Aluminium)
Material - Module support finish	silver anodized



Technical Data

Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C -40 - 70 °C

Temperature - Storage °F -40 - 158 °F

Temperature - Operating °C -40 - 70 °C

Temperature - Operating °F -40 - 158 °F

Electromagnetic measurement E₂

Certifications

GHMT Component



GHMT component - Validity period 27.11.2019

Approvals

CE compliant

RoHS compliant

The product meets the following standards

Generic cabling systems

General requirements ISO/IEC 11801 Ed.2.2:2011-06 | DIN EN 50173-1:2011-09
TIA/EIA 568-C.2 (2009-08)

Connectors for electronic equipment

Free and fixed connectors DIN EN 60603-7-51:2011-01

Classifications

ETIM 5.0 EC001128

ETIM 6.0 EC001128

Packing details

Type of packaging 1 pc(s) / box

Packaging unit - Weight (gram) 1120.00 g

Packaging unit - Weight (pound) 2.47 lb

Packaging dimension (W x H x D) 520.00 x 100.00 x 46.00 mm

Packaging dimension (W x H x D) 20.472 x 3.937 x 1.811 in.



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Page 5/6

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Accessories

P/N	Designation
899011-01	Label sheet for Modul patch panels / REG



P | Cabling

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Page 6/6

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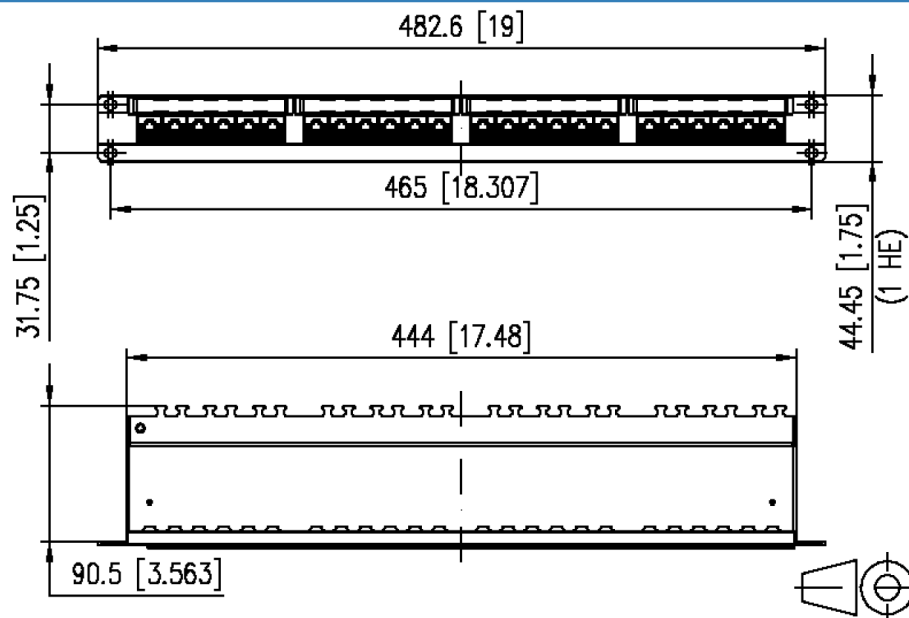
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