

Data sheet

UTP 24 port 1RU LSA Cat.6 patch panel

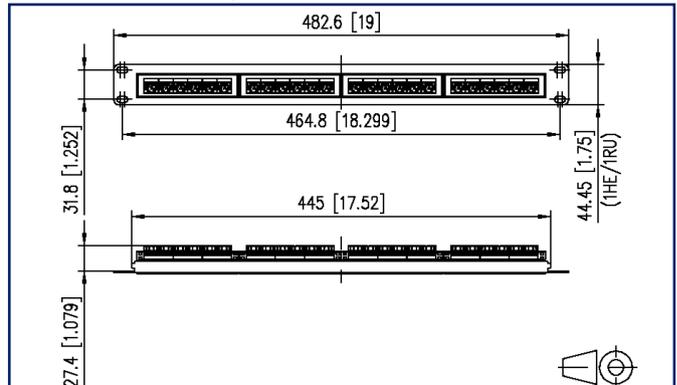
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P/N
130A10-AP29-E
EAN 4250184169826
2025/09/18
Version: Z

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inch 1RU Cat.6 patch panel with 24 RJ45 ports 8(8)
- 19 inch module frame made of black sheet steel
- 4 individual 6 port connection blocks, unshielded
- connection of the unshielded data cables to LSA insulation displacement connectors (AWG 22 to 26)
- wire connection possible according to T568A and T568B
- with 4 clip-in plastic cable brackets
- punch down patch panel



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Technical Data

General Data

Fields of application	structured building cabling office areas Distributed building services data center
Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E1
Design	patch panel
Mounting style	1RU
Shielding	unshielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	black
Dimensions	
Dimension (L x W x H)	27.4 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	1.079 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Labeling option	firmly printed label areas

Transmission characteristics

Category (ISO)	6
Class (ISO/IEC)	E
Category (TIA)	6
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
Transmission rate up to 100 MBit (Fast Ethernet)	IEEE 802.3bw
Transmission rate up to 1 GBit (Fast Ethernet)	IEEE 902.3ab

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Connections/interfaces

Connector technology interface 1	LSA terminal block
Connector technology interface 2	RJ45-jack
Number of ports interface 2	24
Number of ports interface 2 equipped	24
Number of positions/contacts interface 1	24 x 8
Number of positions/contacts interface 2	24 x 8P/8C
Termination data, solid wire (min. - max.)	
Conductor cross section, solid wire	AWG 26/1 - AWG 22/1
Conductor cross section, solid wire	0.128 mm ² - 0.324 mm ²
Conductor diameter, solid wire (bare copper)	0.409 mm - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 in. - 0.025 in.
Cable access/outlet	180°

Electrical characteristics

Current carrying capacity	max. 1 A at 60 °C
Rated voltage	max. 60 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	min. 1000 V DC
Dielectric strength conductor-conductor, peak value (secondary)	max. 1.000 V AC

Mechanical data

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

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Materials and material properties

Material - Module support	sheet steel
Halogen free	yes
RoHS	compliant

Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-40 °C - 70 °C
Temperature - Storage °F	-40 °F - 158 °F
Temperature - Operating °C	-40 °C - 70 °C
Temperature - Operating °F	-40 °F - 158 °F

Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801-1:2017-11 DIN EN 50173-1:2018-10 ANSI/TIA-568.2-D
Office buildings	ISO/IEC 11801-2:2017-11 DIN EN 50173-2:2018-10 ANSI/TIA-568.2-D
Living units	ISO/IEC 11801-4:2017-11 DIN EN 50173-4:2018-10 ANSI/TIA-570-D
Data centers	ISO/IEC 11801-5:2017-11 DIN EN 50173-5:2018-10 ANSI/TIA-942-B

Classifications

ETIM 7.0	EC001128
ETIM 8.0	EC001128
ETIM 9.0	EC001128
ETIM 10.0	EC001128

Packing details

Type of packaging	20 pc(s) / box
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Technical Data**Application note**

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

P/N	Designation
130792	Mounting kit, cage nuts M6
130818-E	Crimp Tool LSA-PLUS®



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Accessories from

P/N	Designation
130862-1H20-E	Surface mount housing for 19 inches patch panels 1RU pure white
130862-2H20-E	Surface mount housing for 19 inches patch panels 2RU pure white

Illustrations

Dimensional drawing

