P | Cabling

METZ CONNECT
We realize ideas

Data sheet

E-DAT design 24x8 Patch Panel Class E Link

P/N 130853-E

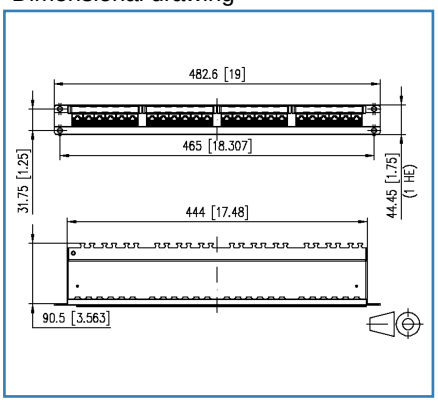
EAN 4250184104094

2019/10/18

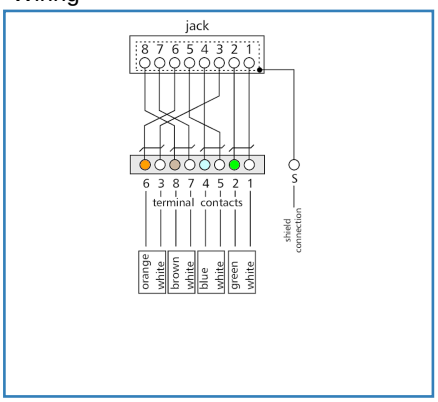
Version: Z

Illustrations

Dimensional drawing



Wiring



See enlarged drawings at the end of document

Product specification

- 10 or 19 inch 1RU module frame made of silver anodized aluminum with 12 or 24 individually shielded jacks
- Cat.5e Class E Link Performance to ISO/IEC11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for 1 GBit Ethernet (IEEE 802.3), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT
- pin assignment to ISO/IEC 11801/EN 50173-1; the wire pairs can be led to the terminal without untwisting the pairs
- strain relief using cable ties
- label window for enclosed identification labels
- label sheet 210 x 297 mm see accessory
- grounding bolt M6 x 10 with nut and lock washer
- variants: 2x6 port 10 inch, 4x6 port 19 inch, 24 port 19 inch

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Technical Data

General Data

Fields of application	
	Structured building cabling, Office Data center
Design	patch panel
Mounting style	1RU
Shielding	shielded
Transmission technology	Copper
Color	anodized alu.
Dimensions	
Dimension (L x W x H)	90.5 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	3.563 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Labeling option	label window with identification label

Transmission characteristics

Category (ISO)	5e
Category (TIA)	5e
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
4PPoE	IEEE 802.3bt
HDBaseT	yes
Transmission rate up to 1 GBit (Fast Ethernet)	IEEE 802.3ab

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
Ground connection	grounding bolt M6x10 with nut and lock washer
Shield connection	clamp

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Electrical characteristics	
Dielectric strength conductor-conductor (secondary)	min. 1000 V DC
Dielectric strength conductor-shield	min. 1500 V DC
Mechanical characteristics	
Life - Number of mating cycles	min. 750
Position/mounting of latch - standard installation position	top
strain relief	cable tie
Materials and material properties	
Material - Jack housing	polyester, glass fiber reinforced
Material - Jack contact	CuSn (tin bronze)
Material - Jack contact finish	Ni + Au (nickel-gold)
Material - Module support	Al (Aluminium)
Material - Module support finish	silver anodized
RoHS	compliant
Environmental conditions	
Temperature (min. - max.)	
Temperature - Storage Â°C	-40 °C - 70 °C
Temperature - Storage Â°F	-40 °F - 158 °F
Temperature - Operating °C	-40 °C - 70 °C
Temperature - Operating °F	-40 °F - 158 °F
Approvals	
CE	compliant
The product meets the following standards	
Generic cabling systems	
	ISO/IEC 11801 Ed.2.2:2011-06 | DIN EN 50173-1:2011-09

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Classifications

ETIM 5.0	EC001128
ETIM 6.0	EC001128
ETIM 7.0	EC001128

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	1020 g
Packaging unit - Weight (pound)	2.25 lb
Packaging dimension	520 mm x 100 mm x 46 mm
Packaging dimension	20.472 in. x 3.937 in. x 1.811 in.

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Accessories

P/N	Designation
899789-01	Label sheet for E-DAT C6 and E-DAT design patch panels

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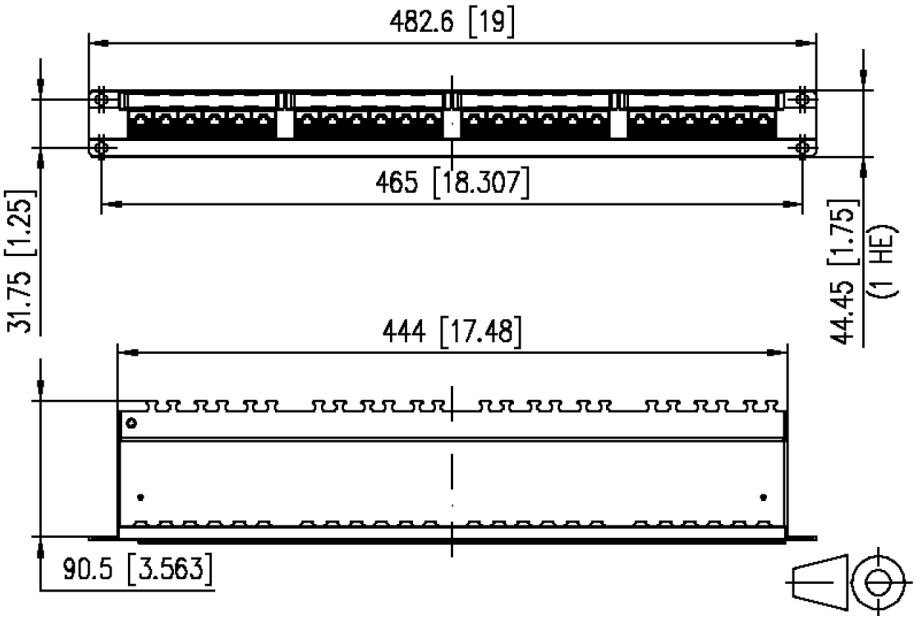

Wiring