METZ CONNECT
We realize ideas

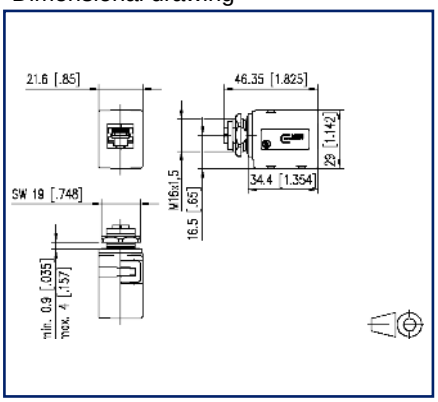
Data sheet

Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - straight

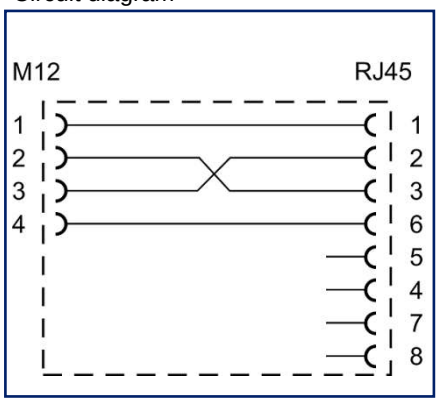
P/N MWN811A115
EAN 4251394609836
2023/05/02
Version: K

Illustrations

Dimensional drawing



Circuit diagram



c UL US LISTED

See enlarged drawings at the end of document

Product specification

- panel feed-through adapter M12 to RJ45 for control cabinets
- M12 jack D-coded, IP67, per IEC/PS 61076-2-101
- RJ45 jack, IP20, per IEC 60603-7-51
- for 100 MBit Fast Ethernet (IEEE 802.3an)
- Cat.5
- plug-in direction: straight
- solid zinc die-cast housing, nickel-plated
- suitable for applications in the railway industry according to data sheet

© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

Data sheet

Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - straight

P/N MWN811A115

EAN 4251394609836

2023/05/02

Version: K

Technical Data

General Data	
Design	Jack
Mounting style	back side
Shielding	shielded
Transmission technology	Copper
Color	metallike
Dimensions	
Dimension (L x W x H)	46.35 mm x 21.6 mm x 29 mm
Dimension (L x W x H)	1.825 in. x 0.85 in. x 1.142 in.
Labeling option	on housing

Transmission characteristics	
Category (ISO)	5
Category (TIA)	5

Connections/interfaces	
Connector technology interface 1	RJ45-jack
Connector technology interface 2	M12-jack
Coding interface 2	D-coded
Number of ports interface 1	1
Number of ports interface 2	1
Number of equipped ports interface 1	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8P/4C
Number of positions/contacts interface 2	4

Electrical characteristics	
Current carrying capacity	0.5 A
Rated voltage	60 V DC

© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

Data sheet

Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - straight

P/N MWN811A115

EAN 4251394609836

2023/05/02

Version: K

Technical Data

Materials and material properties		
Material - Housing	GD-Zn (zinc die-cast)	
Halogen free	yes	
RoHS	compliant	
Environmental conditions		
Particulate ingress interface 1	IP2X	
Liquid ingress/immersion interface 1	IPX0	
Particulate ingress interface 2	IP6X when plugged in	
Liquid ingress/immersion interface 2	IPX7 when plugged in	
Degree of pollution	2	
Approvals		
UL listed (file no.)	c UL us LISTED	DUXR.E178484
Standards/Regulations		
Application-specific communications cabling systems		
Profinet	yes	
Connectors for electronic equipment		
circular connector	DIN EN 61076-2-101	
Rectangular connectors	IEC 60603-7-51	
Railway applications		
Electronic equipment used on rolling stock	following to DIN EN 50155	
Fire protection on railway vehicles	following to DIN EN 45545-2	
Contact holder	Thermoplastic	
Sealings	Elastomer	
Shock and vibration	DIN EN 50155:2018-05, DIN EN 61373:2011-04 Class 1 Category B	
Salt spray	DIN EN 50155:2018-05, (DIN EN 60068-2-11:2000-02/ 48h test KA)	

© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

Data sheet

Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - straight

P/N MWN811A115

EAN 4251394609836

2023/05/02

Version: K

Technical Data

Classifications

ETIM 5.0	EC001134
ETIM 6.0	EC001134
ETIM 7.0	EC001134
ETIM 8.0	EC001134
ETIM 9.0	EC001134

Packing details

Type of packaging	10 pc(s) / box

© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

METZ CONNECT
We realize ideas

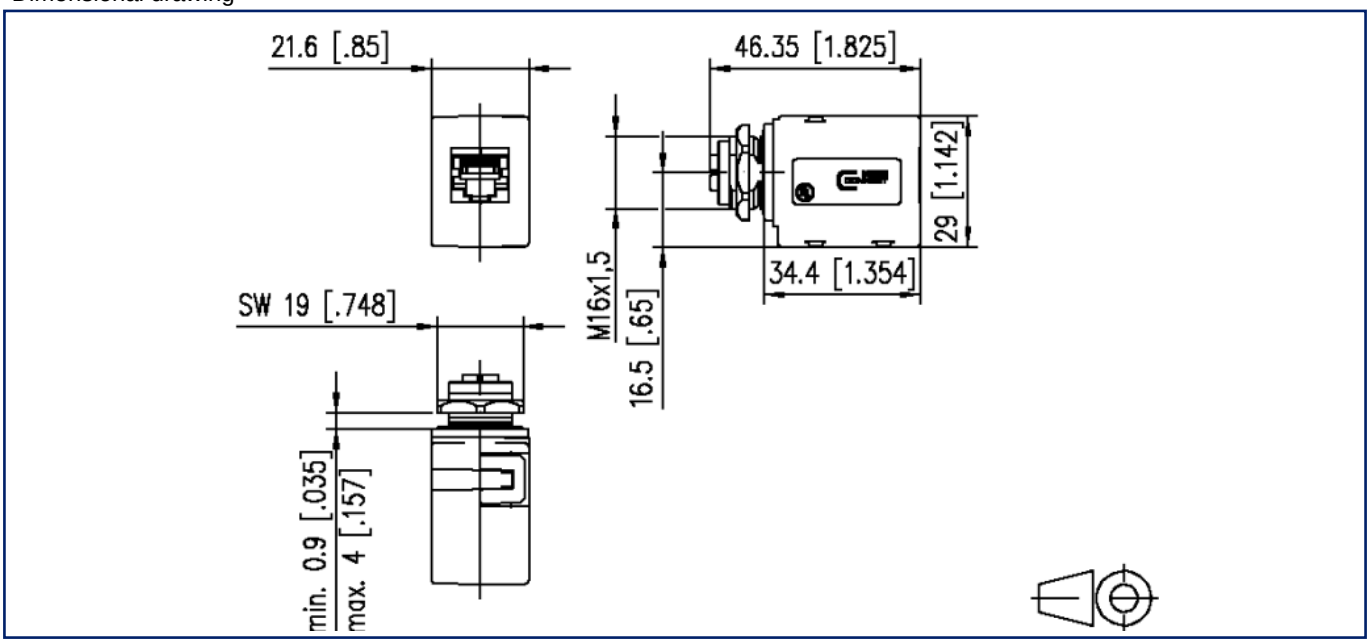
Data sheet

Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - straight

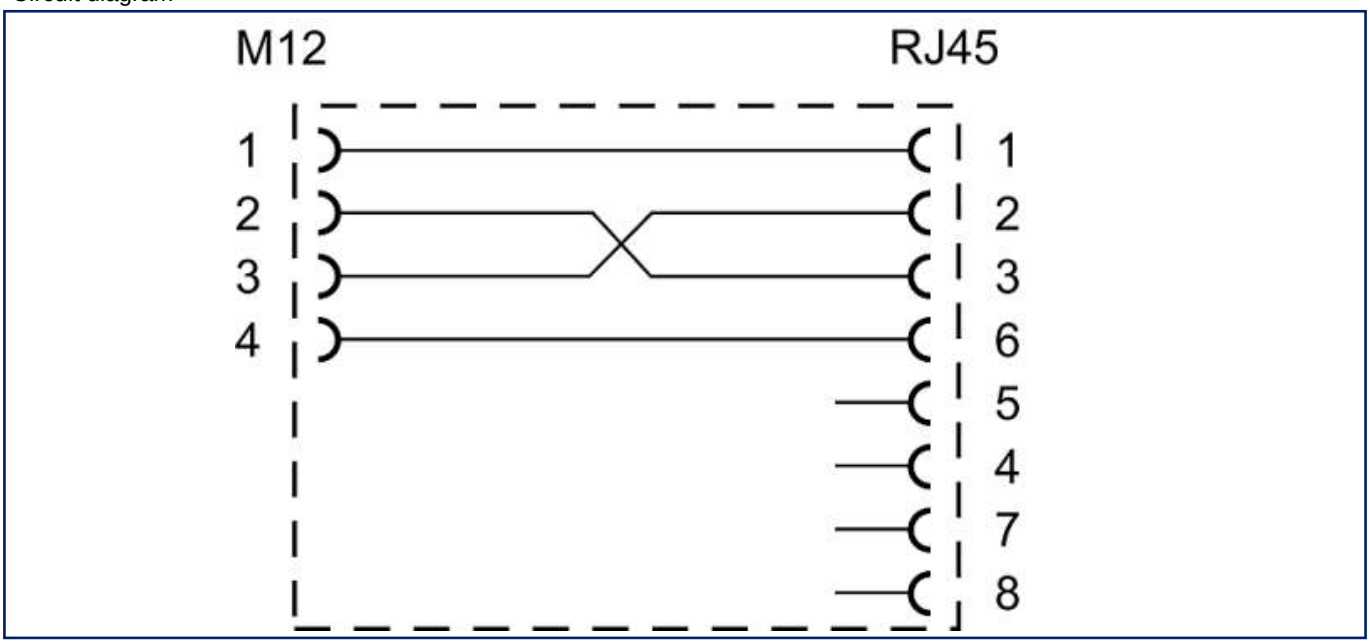
P/N MWN811A115
EAN 4251394609836
2023/05/02
Version: K

Illustrations

Dimensional drawing



Circuit diagram



METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany
Phone +49 7702 533-0 | Fax +49 7702 533-433
Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!