Terminal box - FB2-S1-12SP-T-0-16-00-0-0 - 2316417

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Stainless steel field junction box with 16 ports for use in hazardous locations. Includes 12-spur block device coupler (FB-12SP) for Foundation Fieldbus or PROFIBUS PA, three terminal blocks for trunk cable connection (+, –, S).

Product Description

FF/PA - 12-spur block junction box

Why buy this product

- Connect up to 12 Foundation Fieldbus or PROFIBUS PA field devices
- Terminator preinstalled
- Provides current limiting short-circuit protection per spur
- Single-sided plug configuration eliminates cable bend radius issues

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 301754
GTIN	4055626301754
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	85371098
Country of origin	United States

Technical data

Dimensions

Width	355.6 mm
Height	304.8 mm
Depth	127 mm

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Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP66

General

Standards/regulations	EN 61326-1
	EN 60079-0
	EN 60079-11
	EN 60079-15
Net weight	6540 g
Housing material	Stainless steel
Conformance	CE-compliant, additionally EN 61326-1

Power supply

Max. current consumption	6.5 mA (No-load)
	680 mA (trunk)

Serial interface

Inductance Li	4 µH
Max. output voltage U_o	U_{in} (spur)

Safety data

Input voltage U_i	32 V (IIB (C/D))
Max. output voltage U_o	U_{in} (spur)
Max. output current I_o	56 mA (per spur)
Max. output power P_o	1.792 W
Group	IIC/IIB
Max. external capacity C_o	80 nF
Additional text	per spur
Group	IIC/IIB
Max. external inductivity L_o	0.26 mH
Additional text	per spur
ATEX	DEMKO 16ATEX1704X II 3 G D Ex nA [ic] IIC T4 Gc, Ex nA nC [ic] IIC T4 Gc Ex ic IIC T4 Gc, FISCO ic spurs Ex tc IIIC T135 Dc IP66
IECEx	IECEx UL 16.0079X Ex nA [ic] IIC T4 Gc, Ex nA nC [ic] IIC T4 Gc Ex ic IIC T4 Gc, FISCO ic spurs Ex tc IIIC T135 Dc IP66
Safety-related maximum voltage U_m	17.5 V

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Standards and Regulations

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IECEx	IECEx UL 16.0079X Ex nA [ic] IIC T4 Gc, Ex nA nC [ic] IIC T4 Gc Ex ic IIC T4 Gc, FISCO ic spurs Ex tc IIIC T135 Dc IP66
UL, USA/Canada	Class I, Zone 2, AEx nA [ic] IIC T4 Gc, AEx nA nC[ic] IIC T4 Gc Entity/ FISCO spurs Class I, Div. 2, Groups A, B, C, D, T4 Class I, Zone 22, AEx tc IIIC T135 Dc IP66

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