UM122-2FLK14/EX-MB/4/OUT/S7 - Basic terminal block

2865159

https://www.phoenixcontact.com/us/products/2865159

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Ex i motherboard to accept 4 x PI-Ex i output signal conditioners (PI-EX-...), FLK pin strips for connection to Siemens S7-300 analog out cards using system cables, assembly on NS 32, or NS 35/7.5.

Commercial data

Item number	2865159
Packing unit	1 pc
Sales key	C430
Product key	DK1XXX
GTIN	4046356046589
Weight per piece (including packing)	254.3 g
Weight per piece (excluding packing)	178.7 g
Customs tariff number	85389091
Country of origin	DE

Technical data

Product properties

Product type	Module carrier
Application	Base element

Electrical properties

Nominal voltage U_N	20 V DC ... 35 V DC
Nominal current I_N	60 mA (max. current consumption)
Reverse polarity protection	yes

Supply

Redundant supply	yes, decoupled from diodes

Connection data

Controller level

Connection method	FLK pin strip
Number of connections	1
Number of positions	14

Field level

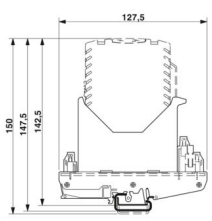
Connection method	Screw connection
Stripping length	8 mm
Number of positions	8
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm

Ex data

Safety data

Max. output voltage U_o	≤ 30 V
Safety-related maximum voltage U_m	250 V

Dimensions

Dimensional drawing	
Width	58.6 mm
Height	127.5 mm

Depth	92 mm
Depth NS 35/7,5	142.5 mm (with NS 35/7.5 coupling connector)
Depth NS 32	147.5 mm (with NS 32 coupling connector)
Depth NS 35/15	150 mm (with NS 35/15 coupling connector)

Material specifications

Color	green (RAL 6021)
Flammability rating according to UL 94	V2
Housing insulation material	Polyamide PA non-reinforced, polycarbonate PC, PVC

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

Approvals

CE

Certificate	CE-compliant

ATEX

Identification	Ⓔx II (1) G [Ex ia Ga] IIC
	Ⓔx II (1) D [Ex ia Da] IIIC
	Ⓔx II 3 (1) G Ex nA [ia Ga] IIC T4 Gc
Certificate	KEMA 99ATEX7296
	PxCIF08ATEX2835325X

EAC Ex

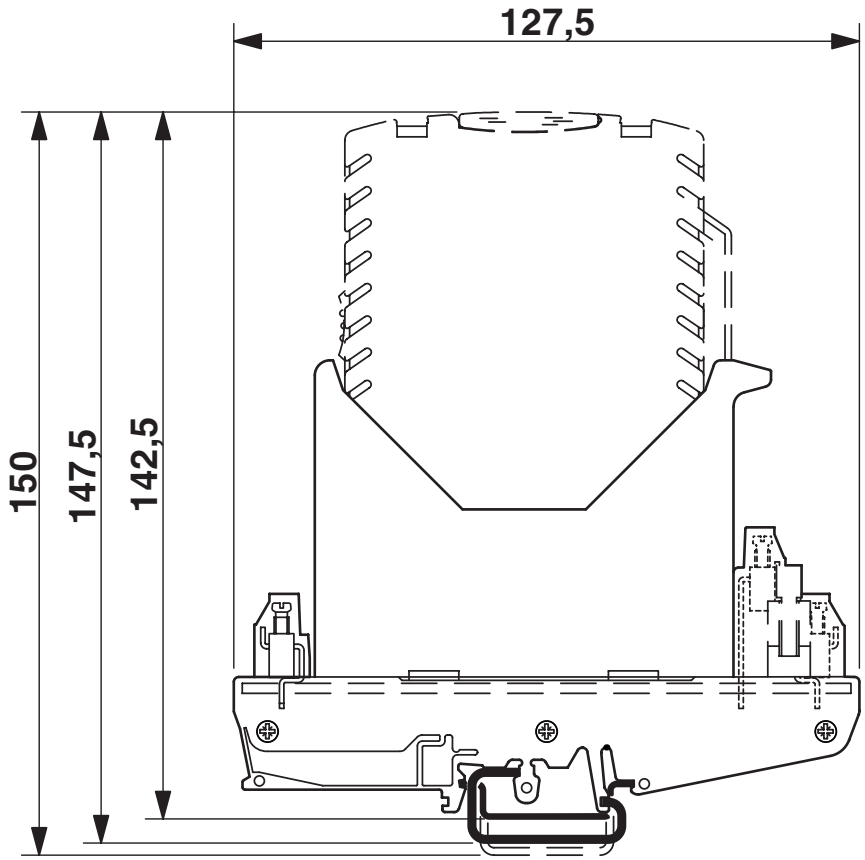
Identification	EAC Ex [Ex ia Ga] IIC
Certificate	RU C-DE.AB72.B.00097/19

Mounting

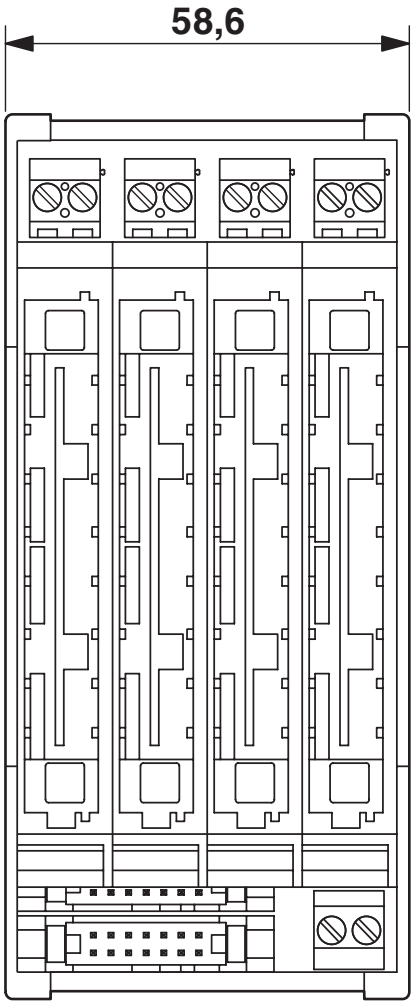
Mounting type	DIN rail mounting

Drawings

Dimensional drawing



Dimensional drawing



Classifications

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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