

EM SWD-ADAPTER - Adapter

2902776

<https://www.phoenixcontact.com/us/products/2902776>

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SmartWire DT™ adapter for CONTACTRON hybrid motor starters, with "Enable" input for safe shutdown up to PLe/SIL 3.

Commercial data

Item number	2902776
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C470
Product key	DK7455
GTIN	4046356701037
Weight per piece (including packing)	114.68 g
Weight per piece (excluding packing)	114 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Adapter
Application	Connection to SmartWire-DT™
Operating mode	100% operating factor

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Input data

Input name	Enable input
Rated actuating voltage U_C	24 V DC
Switching level "High"	> 19.2 V DC
Switching level "Low"	< 9.6 V DC
Switching level	dependent on the switching device
Rated actuating current I_C	5 mA

Connection data

Enable input

Connection method	Push-in connection
Stripping length	10 mm
Number of connections	1
Number of positions	4
Conductor cross-section rigid	0.14 mm ² ... 1 mm ²
Conductor cross-section flexible	0.14 mm ² ... 1 mm ²
Conductor cross-section AWG	26 ... 18

SmartWire™-DT

Connection method	Pin strip
Number of connections	1
Number of positions	8
Note	For SmartWire-DT device plug SWD4-8SF2-5 PXC

Interfaces

Data: SmartWire™-DT

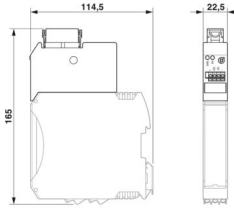
Data rate	125 kBd / 250 kBd
Connection method	Pin strip, 8-pos.
Current consumption I_{AUX}	120 mA
Current consumption I_{POW}	25 mA

Dimensions

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Dimensional drawing	
Width	22.5 mm
Height	165 mm
Depth	114.5 mm

Material specifications

Color	green (RAL 6021)
Housing material	PBT

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

Standards and regulations

Standards/regulations	IEC 60947-1
	EN 60947-1

Mounting

Assembly note	On CONTACTRON hybrid motor starter
Mounting position	any

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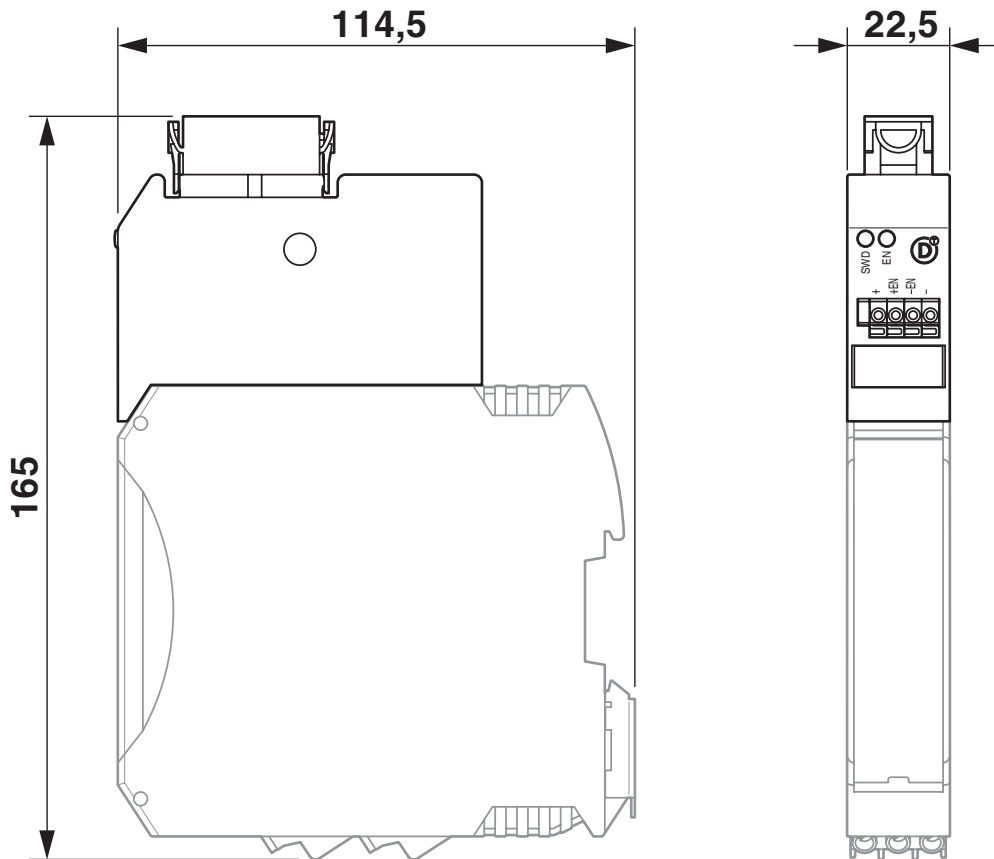
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Drawings

Dimensional drawing



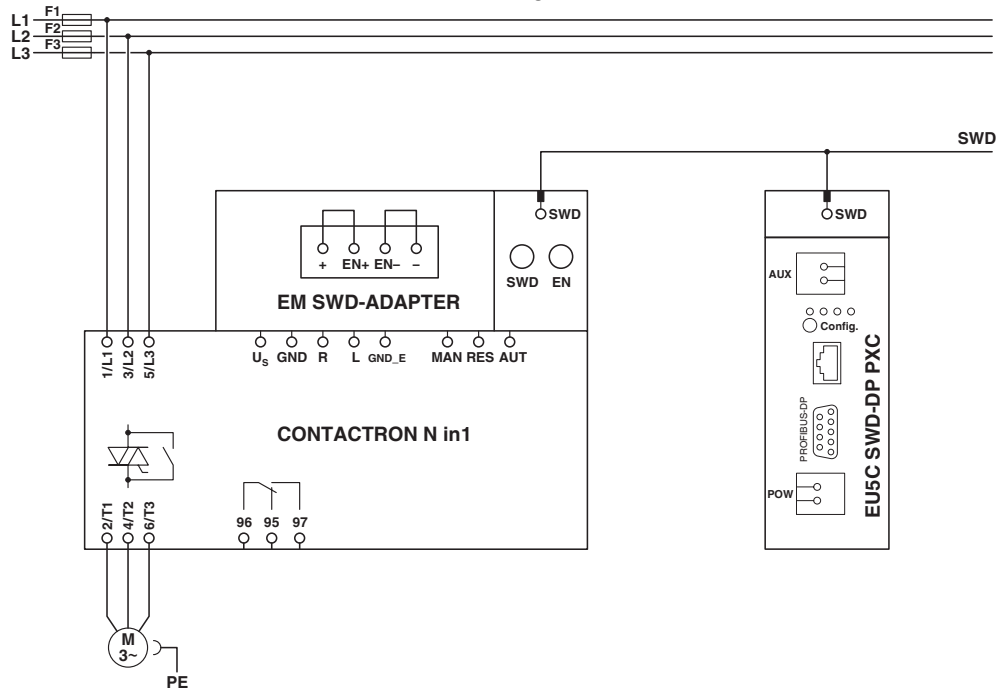
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Circuit diagram



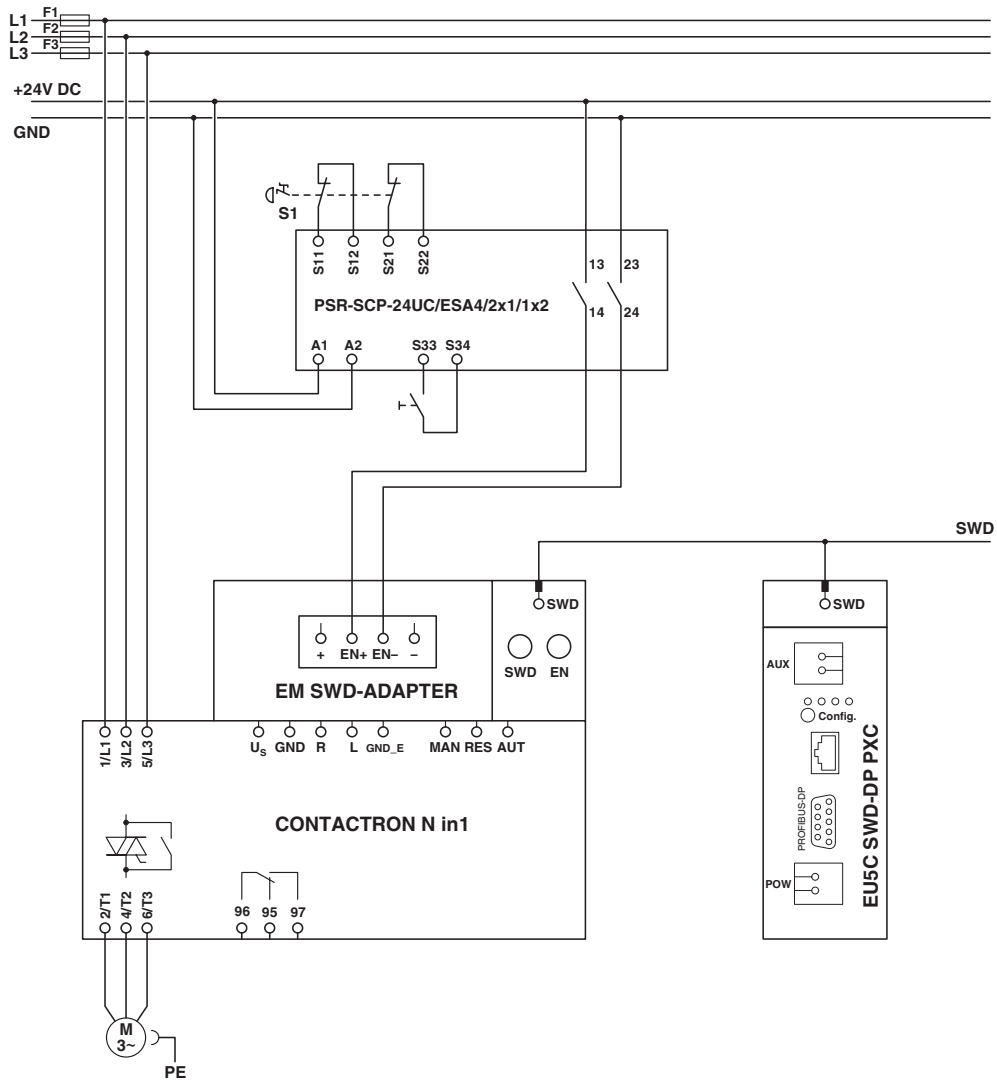
Wiring example without EMERGENCY STOP

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Circuit diagram



EMERGENCY STOP wiring example (two-channel)

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Classifications

UNSPSC

UNSPSC 21.0	39121100
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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