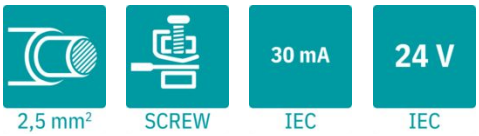
TTC-6-FMRS-UT - Remote signaling set

2907810

https://www.phoenixcontact.com/us/products/2907810

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Module set for the optical monitoring and floating remote signaling of adjacent surge protective devices in the TERMITRAB complete or CLIXTRAB product family. Suitable for directly grounded DIN rails.

Your advantages

- Space-saving and cost-saving with a narrow overall width of just 6 mm
- Collective remote monitoring of up to 40 protective devices via optical monitoring
- Finding the right product for all possible requirements in MCR applications is easy, thanks to the complete range of products with customized features

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2907810
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL23
Product key	CL226Z
GTIN	4055626244402
Weight per piece (including packing)	83.3 g

Weight per piece (excluding packing)	67.5 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Product properties

Product type	Remote signaling set
Product family	TERMITRAB complete
Type	DIN rail module, one-piece

Insulation characteristics

Pollution degree	2

Electrical properties

Indicator/remote signaling

Switching function	N/C contact 2.5 Ω

Supply: Status indicator/remote signaling

Operating voltage	10 V DC ... 36 V DC
Operating current	30 mA DC (24 V)
	60 mA DC (10 V)

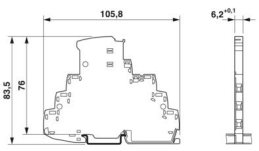
Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm ... 0.6 Nm
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section AWG	24 ... 12

Ex data

Altitude	≤ 2000 m (amsl)

Dimensions

Dimensional drawing	
Width	6.2 mm +0.1 mm
Height	105.8 mm
Depth	83.5 mm (incl. DIN rail 7.5 mm)

Material specifications

Color	gray (RAL 7042)
	gray (RAL 7042)
Flammability rating according to UL 94	V-0

Insulating material	PBT
Housing material	PBT

Protective circuit

Surge protection fault message	Optical, remote indicator contact

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 4000 m (amsl)
Permissible humidity (operation)	5 % ... 95 %

Approvals

Conformity/Approvals

UL, USA / Canada	Class I, Div. 2, Groups A, B, C, D T4A

Standards and regulations

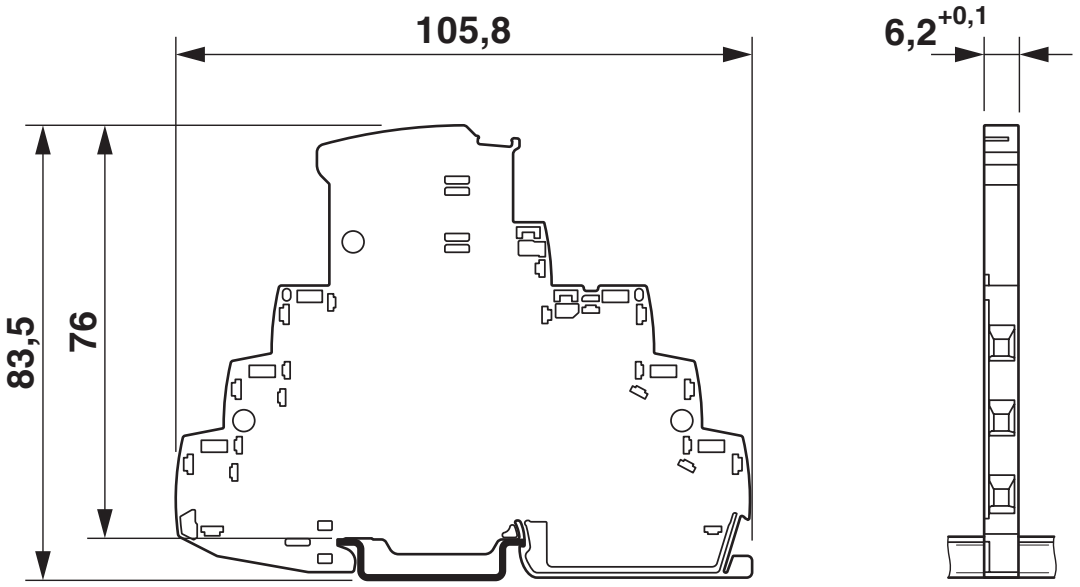
Standards/specifications	EN 61000-6-2
Note	2005
Standards/specifications	EN 61000-6-3
Note	2007 + A1:2011
Standards/specifications	EN IEC 60079-0
Note	2018
Standards/specifications	EN IEC 60079-7
Note	2015 + A1:2018
Standards/specifications	IEC 60079-0
Note	2017
Standards/specifications	IEC 60079-7
Note	2017

Mounting

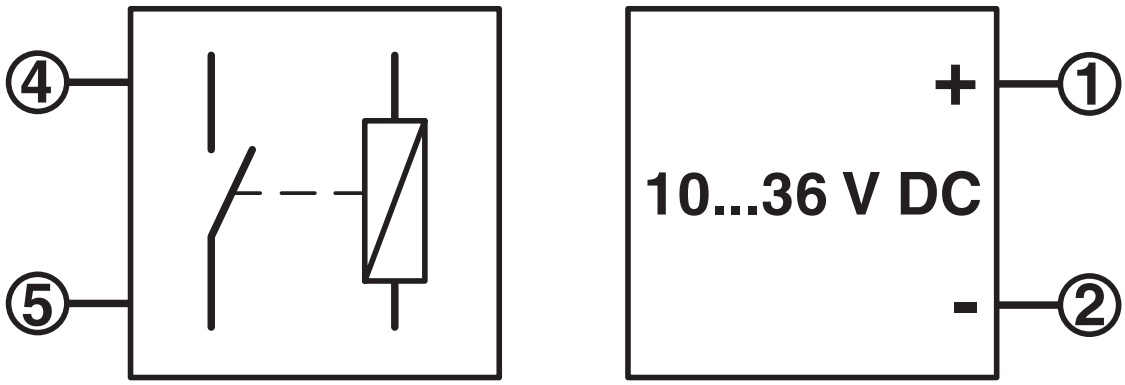
Mounting type	DIN rail: TH 35 - 7.5 mm

Drawings

Dimensional drawing



Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2907810

CSA
Approval ID: 70136717

DNV GL
Approval ID: TAE000027G

UL Listed
Approval ID: FILE E 138168

CSAus
Approval ID: 70136717

UAE-RoHS
Approval ID: 22-06-16192

cUL Listed
Approval ID: FILE E 333250

IECEx
Approval ID: IECEx BVS 21.0057X

ATEX
Approval ID: BVS 21 ATEX E 052 X

cULus Listed
Approval ID: File E 333250

Classifications

ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

ETIM

ETIM 10.0	EC001466

UNSPSC

UNSPSC 21.0	39121600

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)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)
SCIP	11abee79-7d00-43f8-8b6d-e07893bd233f

EF3.1 Climate Change

CO2e kg	3.199 kg CO2e

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