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

Commercial data

Item number	2907810
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL23
Product key	CL226Z
Catalog page	Page 127 (C-4-2019)
GTIN	4055626244402
Weight per piece (including packing)	84 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

Data management status

Article revision	12

Insulation characteristics

Pollution degree	2

Electrical properties

Indicator/remote signaling

Switching function	N/C contact

Supply: Status indicator/remote signaling

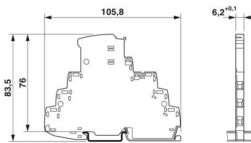|	
Operating voltage	10 V DC ... 36 V DC
Operating current	30 mA DC (24 V)
	60 mA DC (10 V)

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

105,8

6,2$^{+0,1}$

83,5

76

Circuit diagram

④

⑤

10...36 V DC

+ ①

- ②
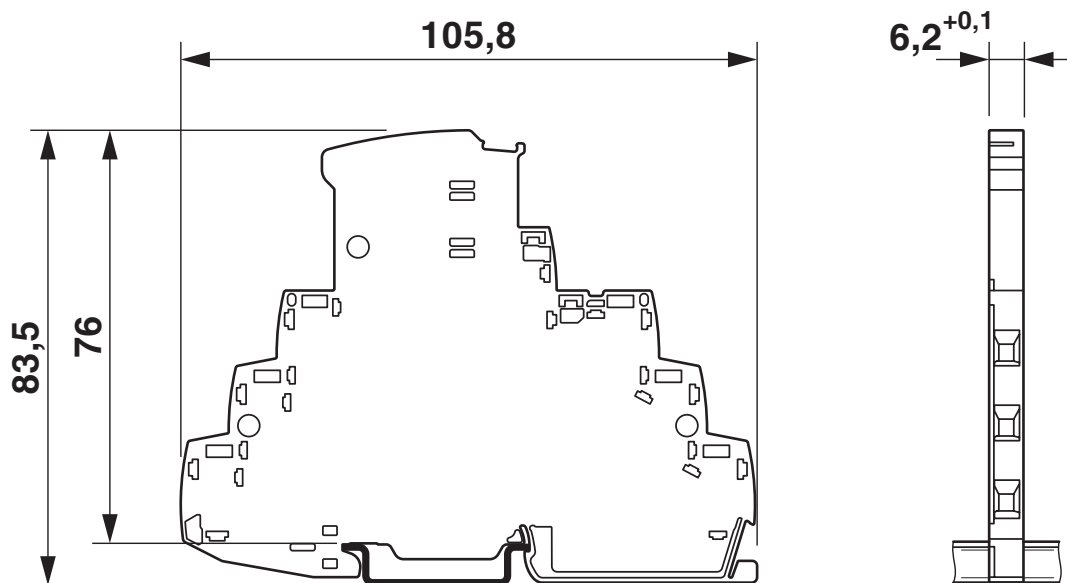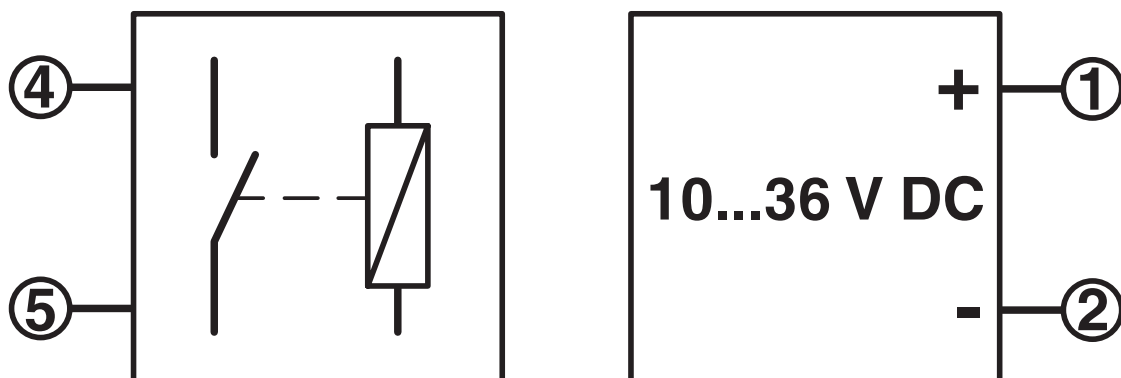
Approvals

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

UL Listed
Approval ID: FILE E 333250

IECEx
Approval ID: IECEx BVS 21.0057X

CCC
Approval ID: 2022122304116080

ATEX
Approval ID: BVS 21 ATEX E 052 X

cCSAus

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27130813
ECLASS-13.0	27171501

ETIM

ETIM 9.0	EC001625

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

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Accessories

ZBF 6 CUS - Zack Marker strip, flat

0825027

https://www.phoenixcontact.com/us/products/0825027

Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

ZBF 6:UNBEDRUCKT - Zack Marker strip, flat

0808710

https://www.phoenixcontact.com/us/products/0808710

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

ZBF 6/WH-100:UNBEDRUCKT - Zack Marker strip, flat

0808736

https://www.phoenixcontact.com/us/products/0808736

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 1000

ZBF 6,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808765

https://www.phoenixcontact.com/us/products/0808765

Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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CLIPFIX 35-5 - End bracket

3022276

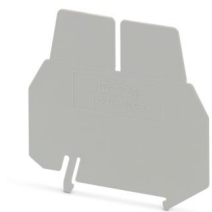https://www.phoenixcontact.com/us/products/3022276

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

TS-UK 6-T - Separating plate

3072820

https://www.phoenixcontact.com/us/products/3072820

Separating plate, depth: 62.5 mm, width: 1 mm, height: 66.5 mm, color: gray

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TTC-EX-PP - Separating plate

1011977

https://www.phoenixcontact.com/us/products/1011977

Partition plate for NS-35/7,5 DIN rails to ensure a clearance of 50 mm between the remote signaling module and surge protection in TTC-EX systems.

X-PEN 0,35 - Marker pen

0811228

https://www.phoenixcontact.com/us/products/0811228

Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

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SZS 0,6X3,5 VDE - Screwdriver

1212602

https://www.phoenixcontact.com/us/products/1212602

Screwdriver, slot-headed, VDE insulated, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip