

# 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
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

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## Technical data

### Product properties

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

### Insulation characteristics

Pollution degree	2
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### Electrical properties

#### Indicator/remote signaling

Switching function	N/C contact 2.5 $\Omega$
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#### 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)

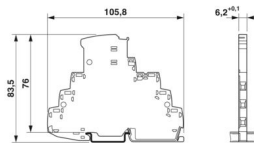
### Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm ... 0.6 Nm
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

### Ex data

Altitude	$\leq 2000$ m (amsl)
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### 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

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Insulating material	PBT
Housing material	PBT

## Protective circuit

Surge protection fault message	Optical, remote indicator contact
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## 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
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## 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
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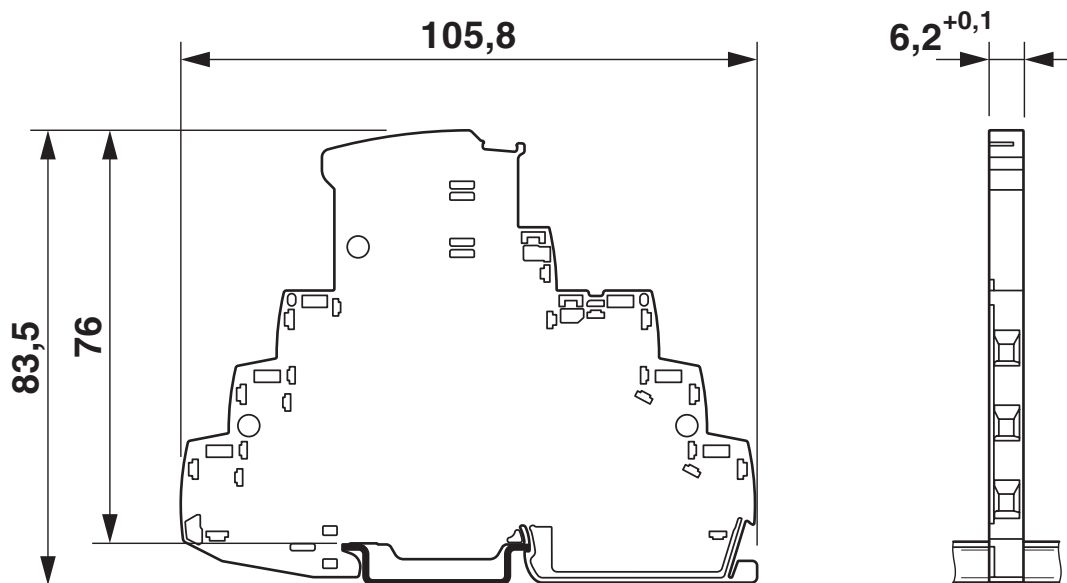
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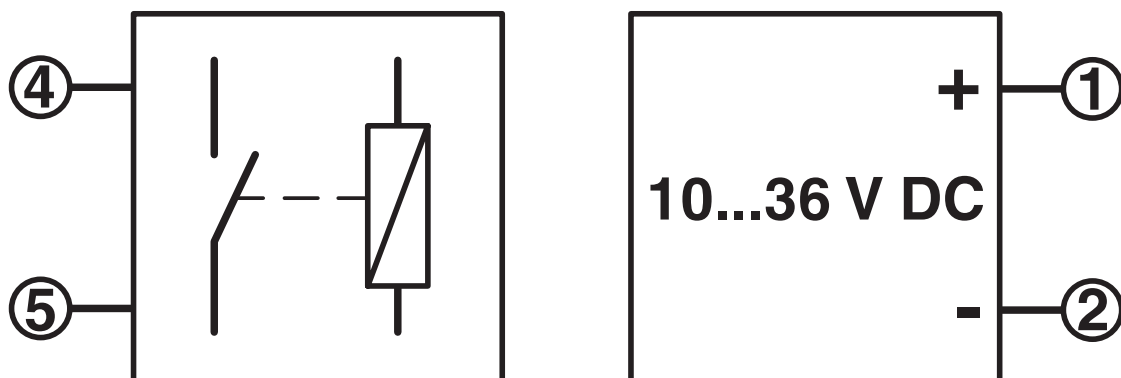


## Drawings

Dimensional drawing



Circuit diagram



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## 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

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## Classifications

### ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

### ETIM

ETIM 9.0	EC000943
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### UNSPSC

UNSPSC 21.0	39121600
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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)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)
SCIP	11abee79-7d00-43f8-8b6d-e07893bd233f