

# 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

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## Technical data

### Product properties

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

### Insulation characteristics

Pollution degree	2
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### Electrical properties

#### Indicator/remote signaling

Switching function	N/C contact
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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 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)
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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)
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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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## Classifications

### ECLASS

ECLASS-11.0	27130813
ECLASS-13.0	27171501

### ETIM

ETIM 9.0	EC001625
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### UNSPSC

UNSPSC 21.0	39121600
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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