

TTC-6-FMRX-UT - Remote signaling module receiver



1193557

<https://www.phoenixcontact.com/us/products/1193557>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Receiver module, for the visual monitoring and floating remote signaling of adjacent surge protective devices from the TERMITRAB complete or CLIXTRAB product family. Suitable for directly or indirectly 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 50 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	1193557
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CL226Z
GTIN	4063151246358
Weight per piece (including packing)	48.9 g
Weight per piece (excluding packing)	33.1 g

TTC-6-FMRX-UT - Remote signaling module receiver



1193557

<https://www.phoenixcontact.com/us/products/1193557>

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

Overvoltage category	OV3 (acc. to DIN EN 50124-1)
Pollution degree	PD2 (acc. to DIN EN 50124-1)

Electrical properties

Indicator/remote signaling

Switching function	N/C contact 25 Ω
--------------------	------------------

Supply: Status indicator/remote signaling

nom. voltage	24 V AC ... 48 V AC (50/60 Hz, with derating)
	12 V DC ... 48 V DC (with derating)
Operating voltage	20 V AC ... 49 V AC (50/60 Hz, with derating)
	10 V DC ... 74 V DC (with derating)
Operating current	≤ 5 mA DC (24 V)
	max. 8 mA DC (10 V)
Number of surge protection modules that can be mounted side by side	50 (TTC-6)
	30 (CLT-10)

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 mm (amsl)
Ambient temperature (operation)	-40 °C ... 70 °C (T4)
Operating voltage	12 V DC ... 48 V DC (with derating)
	24 V AC ... 48 V AC (with derating)
Nominal current I _N	≤ 12 mA (Rx+Tx @ 24 V)

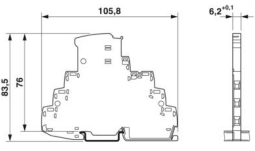
Dimensions

TTC-6-FMRX-UT - Remote signaling module receiver



1193557

<https://www.phoenixcontact.com/us/products/1193557>

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)
Flammability rating according to UL 94	V-0
Insulating material	PBT
Housing material	PBT

Protective circuit

Surge protection fault message	Optical, multi-stage remote indication contact
--------------------------------	--

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °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 T4
------------------	---------------------------------------

Standards and regulations

Standards/specifications	EN 50124-1
Note	2017
Standards/specifications	EN 50121-4
Note	2016 + A1:2019
Standards/specifications	EN 61000-6-3
Note	2007 + A1:2011
Standards/specifications	EN 61000-6-2
Note	2005
Standards/specifications	EN/IEC 60079-0
Note	2018
Standards/specifications	EN/IEC 60079-7
Note	2015 + A1:2018

TTC-6-FMRX-UT - Remote signaling module receiver



1193557

<https://www.phoenixcontact.com/us/products/1193557>

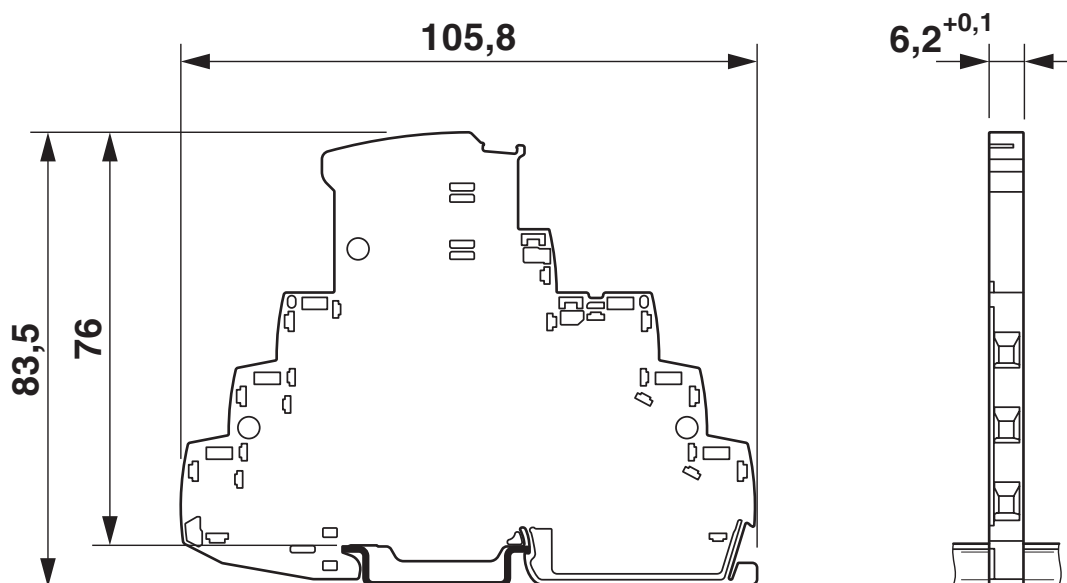
Standards/specifications	IEC 60079-0
Note	2017
Standards/specifications	IEC 60079-7
Note	2017
Standards/specifications	GB/T 3836.1
Note	2021
Standards/specifications	GB/T 3836.3
Note	2021

Mounting

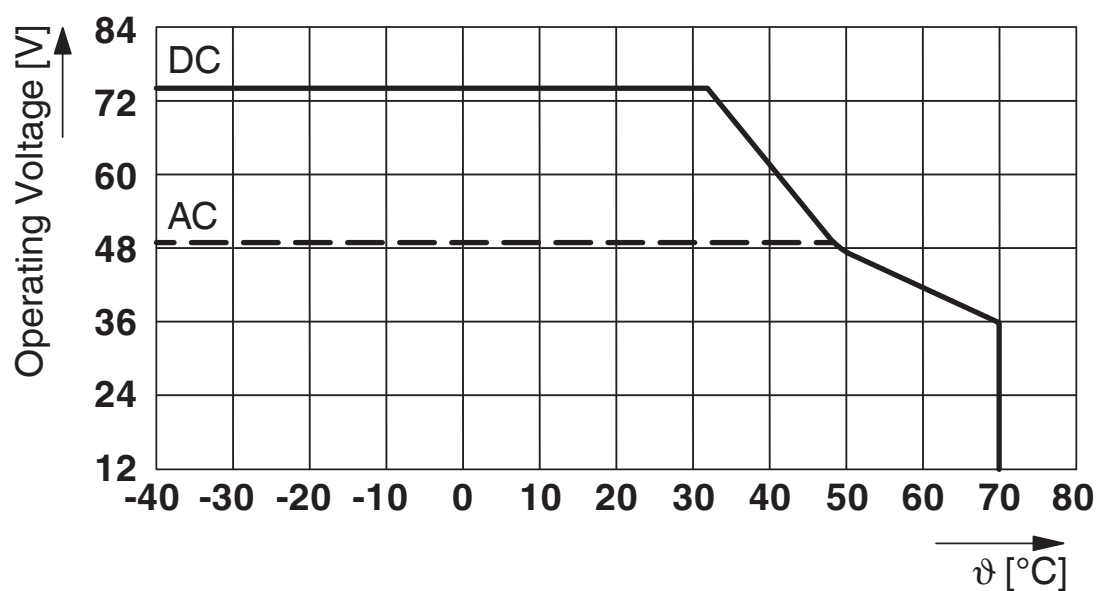
Mounting type	DIN rail: TH 35 - 7.5 mm
---------------	--------------------------

Drawings

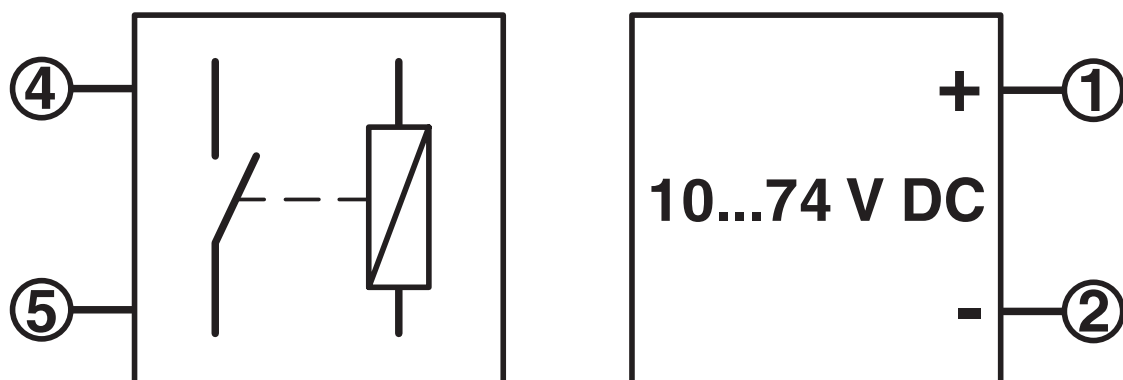
Dimensional drawing



Diagram



Circuit diagram



TTC-6-FMRX-UT - Remote signaling module receiver



1193557

<https://www.phoenixcontact.com/us/products/1193557>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1193557>



DNV GL

Approval ID: TAE000027G



UL Listed

Approval ID: FILE E 138168



cULus Listed

Approval ID: File E 333250



IECEx

Approval ID: IECEx BVS 21.0057X



CCC

Approval ID: 2025122304122891



ATEX

Approval ID: BVS 21 ATEX E 052 X



NEPSI-EX

Approval ID: HT25-38

TTC-6-FMRX-UT - Remote signaling module receiver



1193557

<https://www.phoenixcontact.com/us/products/1193557>

Classifications

ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

ETIM

ETIM 10.0	EC001466
-----------	----------

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	c4053d35-5373-4617-88c0-368f3cab653a

EF3.1 Climate Change

CO2e kg	3.193 kg CO2e
---------	---------------