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FO PCB terminal block - FOPT 2,2-R - 1907924

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PCB terminal block, Pitch: 10.16 mm, Number of positions: 1, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: black

Product Features

- Connection of fiber optics without fiber pretreatment

- Time saving push-in connection, tools not required

- Defined contact force ensures that contact remains stable over the long term

- Intuitive use through colour coded actuation lever

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	4.02 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Pitch	10.16 mm
Constructional height	11 mm

General

Range of articles	FOPT
Connection in acc. with standard	EN-VDE
Nominal cross section	0 mm²
Solder pin surface	Sn
Flammability rating according to UL 94	HB

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Technical data

General

Number of positions	1

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	HB

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211832
UNSPSC 7.0901	39121429
UNSPSC 11	39121429
UNSPSC 12.01	39121429
UNSPSC 13.2	39121429

Approvals

Approvals

Approvals

EAC / EAC

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Approvals

Ex Approvals

Approvals submitted

Approval details

EAC

EAC

Accessories

Accessories

Assembly tool

Fiber cutter - IBS RL FOC - 2725147

Fiber cutter for assembling polymer fiber cables for connecting INTERBUS Ruggedline devices

Data cable by the meter

FO cable - PSM-LWL-KDL-980/1000 - 2799283

Polymer fiber cable, duplex 980/1000 μm, light-weight version for indoor installation, by the meter, without connector

FO cable - PSM-LWL-KDHEAVY-980/1000 - 2744319

Polymer fiber cable, duplex 980/1000 μm, medium-weight version for permanent indoor installation, by the meter, without connector

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Accessories

FO cable - PSM-LWL-RUGGED-980/1000 - 2744322

Polymer fiber cable, duplex, 980 µm/1000 µm, heavy version for permanent indoor installation, sold by the meter without connectors

FO cable - PSM-LWL-RUGGED-FLEX-980/1000 - 2744335

Polymer fiber cable, duplex 980/1000 µm, heavy-weight, highly flexible version for flexible conduit applications, by the meter, without connector
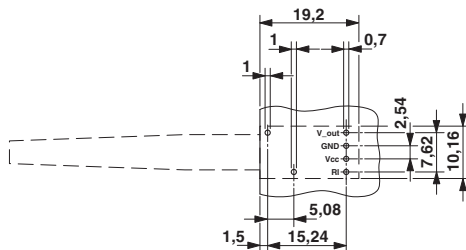
Screwdriver tools

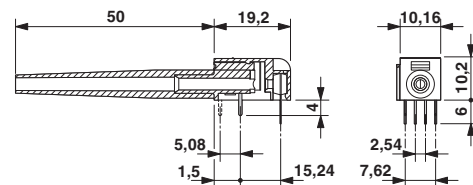### Screwdriver - SZF 0-0,4X2,5 - 1204504

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip
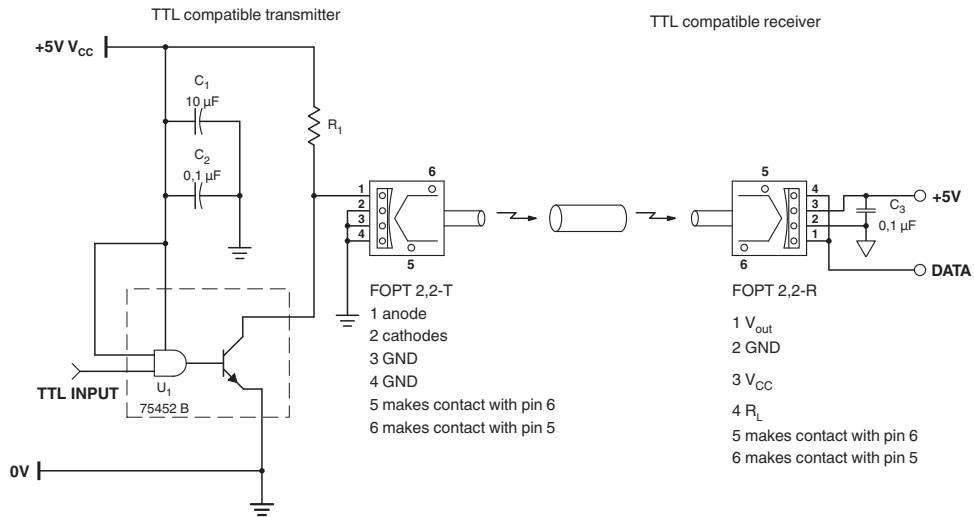
Drawings

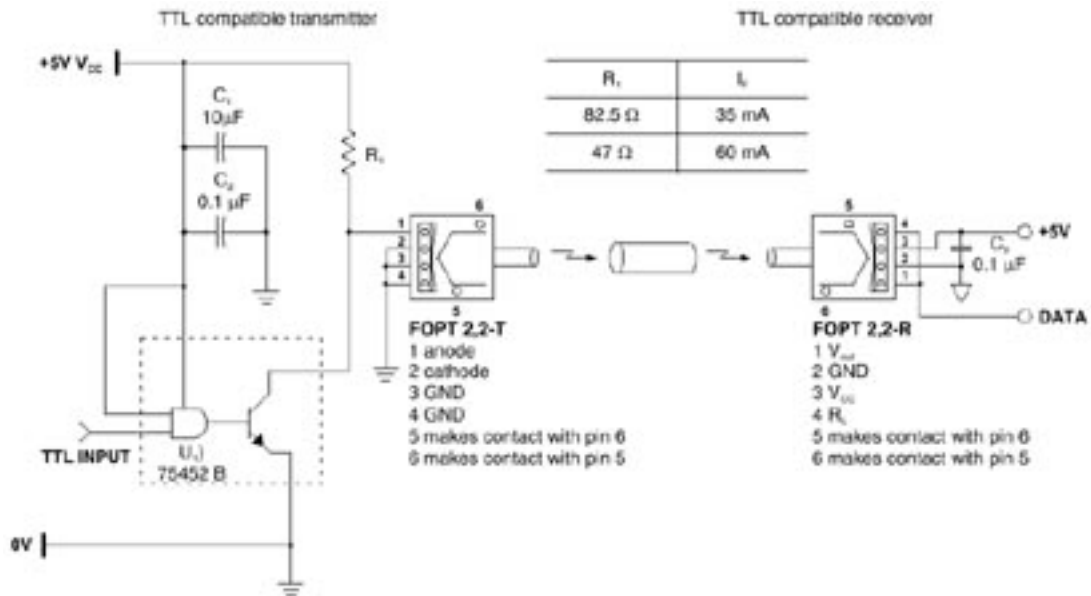Drilling diagram

Dimensional drawing

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Circuit diagram

TTL compatible transmitter

+5V V_{CC}

C_1 10 µF

C_2 0,1 µF

R_1

TTL INPUT

U_1 75452 B

0V

FOPT 2,2-T
1 anode
2 cathodes
3 GND
4 GND
5 makes contact with pin 6
6 makes contact with pin 5

TTL compatible receiver

C_3 0,1 µF +5V

DATA

FOPT 2,2-R

1 V_{out}
2 GND
3 V_{CC}
4 R_L
5 makes contact with pin 6
6 makes contact with pin 5

Block diagram

TTL compatible transmitter

+5V V_{CC}

C_1 10 µF

C_2 0.1 µF

R_1

TTL INPUT

U_1 75452 B

0V

FOPT 2,2-T
1 anode
2 cathode
3 GND
4 GND
5 makes contact with pin 6
6 makes contact with pin 5

TTL compatible receiver

R_1	I_L
82.5 Ω	35 mA
47 Ω	60 mA

C_3 0.1 µF +5V

DATA

FOPT 2,2-R

1 V_{out}
2 GND
3 V_{CC}
4 R_L
5 makes contact with pin 6
6 makes contact with pin 5

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