

Disconnect terminal block - GTF 76/ 48 - 3121025

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Ground disconnect terminal block with screw connection, voltage 24 - 48 V AC/DC, current: 3.5 - 8 mA, cross section: 0.5 - 6 mm, width: 22.5 mm, color: gray

The illustration shows version GTF 76/230

Product Features

- When the disconnect slide is closed, switch position "on", the yellow light indicates grounded normal operation
- Once the disconnect slide has been opened to the "off" position, the red light indicates whether there is a ground fault in the control circuit



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 092924
Weight per Piece (excluding packing)	68.8 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

Disconnect terminal block - GTF 76/ 48 - 3121025

Technical data

General

Maximum load current (lower level)	57 A
Nominal current I_N (lower level)	41 A
Nominal voltage U_N	24 V
	48 V
Open side panel	nein

Dimensions

Length	64.5 mm
Width	22.5 mm
Height NS 35/7,5	54 mm
Height NS 35/15	61.5 mm
Height NS 32	59 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Stripping length	12 mm
Internal cylindrical gage	A5
Screw thread	M4
Tightening torque, min	1.2 Nm

Disconnect terminal block - GTF 76/ 48 - 3121025

Technical data

Connection data

Tightening torque max	1.5 Nm
Connection method	Screw connection

Classifications

eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Disconnect terminal block - GTF 76/ 48 - 3121025

Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	C
mm ² /AWG/kcmil	26-8	26-8
Nominal current IN	50 A	50 A
Nominal voltage UN	250 V	250 V

cUL Recognized 		
	B	C
mm ² /AWG/kcmil	26-8	26-8
Nominal current IN	50 A	50 A
Nominal voltage UN	50 V	50 V

GOST 		

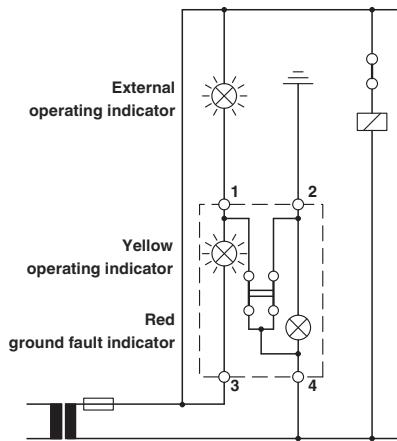
GOST 		

cULus Recognized 		

Drawings

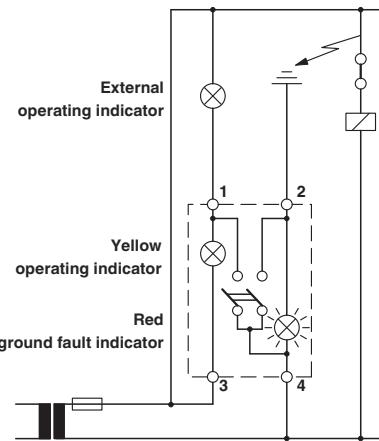
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Circuit diagram



Grounded operating state

Circuit diagram



Ground fault

Schematic diagram

