PT 4-TG BK - Disconnect terminal block

1067752

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Disconnect terminal block, Current and voltage are determined by the plug used., nom. voltage: 500 V, nominal current: 20 A, connection method: Push-in connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 6 mm^2, mounting: NS 35/7,5, NS 35/15, color: black

Your advantages

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- Tested for railway applications

Commercial data

Item number	1067752
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2232
GTIN	4055626738529
Weight per piece (including packing)	8.52 g
Weight per piece (excluding packing)	8.52 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Notes

General	Current and voltage are determined by the plug used.

Product properties

Product type	Disconnect terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
Number of connections	2
Number of rows	1
Potentials	1

Data management status

Article revision	04

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	2
Nominal cross section	4 mm²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm² ... 6 mm²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² ... 6 mm²
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² ... 4 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1 mm²
Nominal current	20 A
Maximum load current	20 A (with 6 mm² conductor cross section, rigid)
Nominal voltage	500 V (Current and voltage are determined by the plug used.)
Nominal cross section	4 mm²

Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm² ... 6 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm² ... 4 mm²

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	56 mm
Depth on NS 35/7,5	36.5 mm
Depth on NS 35/15	44 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

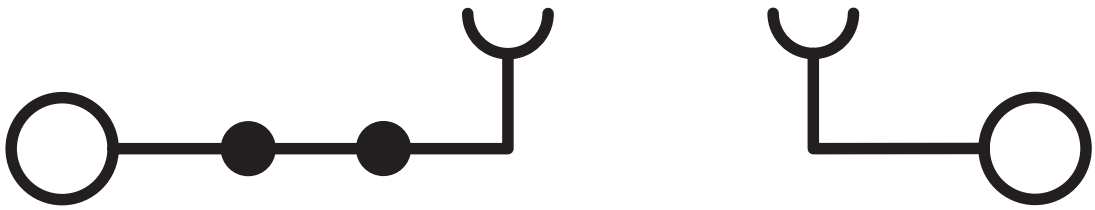
Connection in acc. with standard	IEC 60947-7-1

Mounting

Mounting type	NS 35/7,5
	NS 35/15

Drawings

Circuit diagram



Approvals

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CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	20 A	24 - 10	-
Use group C				
	300 V	20 A	24 - 10	-

EAC
Approval ID: RU C-DE.BL08.B.00644

LR
Approval ID: LR2371832TA

cULus Recognized
Approval ID: E60425

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cULus Recognized
Approval ID: E60425

Classifications

ECLASS

ECLASS-11.0	27141126
ECLASS-12.0	27141126
ECLASS-13.0	27250108

ETIM

ETIM 9.0	EC000902

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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