

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

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.



Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 6,3 x 32, nom. voltage: 250 V, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 6 mm², cross section: 0.5 mm²- 10 mm², mounting type: NS 35/7,5, NS 35/15, color: black

Commercial data

Item number	1154825
Packing unit	25 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	BE2235
GTIN	4063151155940
Weight per piece (including packing)	28.844 g
Weight per piece (excluding packing)	28.844 g
Customs tariff number	85369095
Country of origin	IN

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

Technical data

Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.31 W
Fuse	G / 6,3 x 32
LED voltage range	110 V AC/DC ... 250 V AC/DC (Glow lamp)
LED current range	0.5 mA ... 1.1 mA

Input data

LED voltage range	110 V AC/DC ... 250 V AC/DC (Glow lamp)
-------------------	---

Connection data

Number of connections per level	2
Nominal cross section	6 mm ²
Rated cross section AWG	10
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section rigid	0.5 mm ² ... 10 mm ²
Cross section AWG	20 ... 8 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm ² ... 10 mm ²
Conductor cross section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 6 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 6 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
Nominal current	10 A
Maximum load current	10 A (the current is determined by the fuse used)
Nominal voltage	250 V
Nominal cross section	6 mm ²

Dimensions

Width	12.3 mm
-------	---------

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

End cover width	2.2 mm
Height	77.7 mm
Depth	49.8 mm
Depth on NS 35/7,5	51.3 mm
Depth on NS 35/15	58.8 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Service life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.964 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

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 60947-7-3
----------------------------------	---------------

Mounting

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

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block

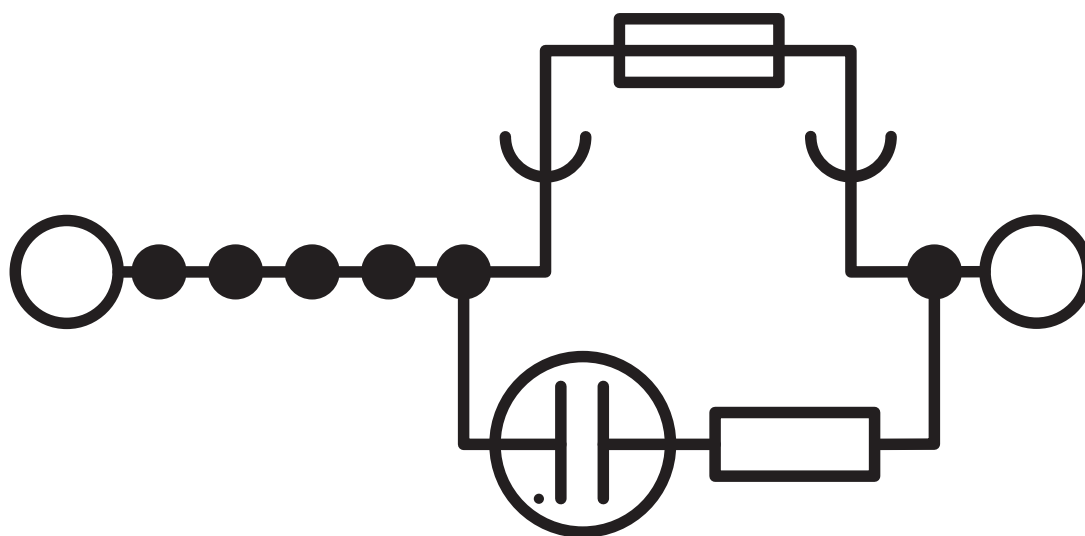


1154825

<https://www.phoenixcontact.com/sg/products/1154825>

Drawings

Circuit diagram



PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/1154825>

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	600 V	10 A	20 - 8	-
Use group C	600 V	10 A	20 - 8	-
Use group F	1000 V	10 A	20 - 8	-
Use group D	600 V	5 A	20 - 8	-

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

ETIM

ETIM 9.0	EC000899
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

PT 6-DREHSILA 250 (6,3X32) - Fuse modular terminal block



1154825

<https://www.phoenixcontact.com/sg/products/1154825>

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg