

3035250

<https://www.phoenixcontact.com/pc/products/3035250>

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 terminal block with LED for mounting on NS 35, for miniature circuit breakers, terminal width: 8.2 mm, color: Black

Your advantages

- Versions with LED for indicating that a fuse has blown
- The ST 4-FSI/C fuse terminal block accommodates flat-type fuses in accordance with ISO/DIS 8820/DIN 72581-3 or the TCP .../DC32V thermal miniature circuit breaker as the fuse element

Commercial data

Item number	3035250
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	BE2136
Catalog page	Page 184 (CL1-2011)
GTIN	4046356053594
Weight per piece (including packing)	21.35 g
Weight per piece (excluding packing)	21.35 g
Customs tariff number	85369095
Country of origin	TR

ST 4-FSI/C-LED 48 - Fuse modular terminal block



3035250

<https://www.phoenixcontact.com/pc/products/3035250>

Technical data

Product properties

Product type	Fuse terminal block
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

Fuse type	Flat
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	C
Voltage LED	48 V DC
Current LED	2 mA
Maximum current with single arrangement	30 A

Input data

Voltage LED	48 V DC
-------------	---------

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²

1 level

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section rigid	0.08 mm ² ... 6 mm ²
Cross section AWG	28 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.08 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	28 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	30 A
Maximum load current	30 A

ST 4-FSI/C-LED 48 - Fuse modular terminal block



3035250

<https://www.phoenixcontact.com/pc/products/3035250>

Nominal voltage	48 V
Nominal cross section	4 mm ²

Dimensions

Width	8.2 mm
Height	86.5 mm
Depth on NS 35/7,5	43.5 mm
Depth on NS 35/15	51 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

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
---------------	-----------

ST 4-FSI/C-LED 48 - Fuse modular terminal block

3035250

<https://www.phoenixcontact.com/pc/products/3035250>



	NS 35/15
--	----------

ST 4-FSI/C-LED 48 - Fuse modular terminal block



3035250

<https://www.phoenixcontact.com/pc/products/3035250>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3035250>



EAC

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

ST 4-FSI/C-LED 48 - Fuse modular terminal block



3035250

<https://www.phoenixcontact.com/pc/products/3035250>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

ST 4-FSI/C-LED 48 - Fuse modular terminal block



3035250

<https://www.phoenixcontact.com/pc/products/3035250>

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 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com