

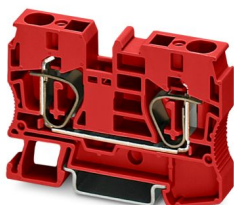
ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

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.



Feed-through modular terminal block, nom. voltage: 1000 V, nominal current: 57 A, number of connections: 2, connection method: Spring-cage connection, 1 level, Rated cross section: 10 mm², cross section: 0.2 mm² - 16 mm², mounting type: NS 35/7,5, NS 35/15, color: red

Your advantages

- The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- The double bridge shaft not only enables individual chain bridging, but also reducing bridging to spring-cage terminal blocks with smaller cross sections

Commercial data

Item number	3035662
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	*****
Product key	BE2111
GTIN	4046356625098
Weight per piece (including packing)	25.484 g
Weight per piece (excluding packing)	25.484 g
Customs tariff number	85369010
Country of origin	PL

ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

Technical data

Product properties

Product type	Feed-through terminal block
Area of application	Machine building
	Plant engineering
	Process industry
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.82 W

Connection data

Number of connections per level	2
Nominal cross section	10 mm ²

1 level

Stripping length	18 mm
Internal cylindrical gage	A6
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm ² ... 16 mm ²
Cross section AWG	24 ... 6 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 10 mm ²
Conductor cross section, flexible [AWG]	24 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 10 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm ² ... 2.5 mm ²
Nominal current	57 A
Maximum load current	65 A (with 16 mm ² conductor cross section)
Nominal voltage	1000 V
Nominal cross section	10 mm ²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 85 °C

ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

Ex-certified accessories	3036644 D-ST 10
	1206612 SZF 3-1,0X5,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
List of bridges	Plug-in bridge / FBS 2-10 / 3005947
	Plug-in bridge / FBS 5-10 / 3005948
Bridge data	53.5 A (10 mm ²)
Ex temperature increase	40 K (56.6 A / 10 mm ²)
Rated voltage	550 V
for bridging with bridge	550 V
Rated insulation voltage	500 V
output	(Permanent)

Ex level General

Rated current	51 A
Maximum load current	59.5 A
Contact resistance	0.4 mΩ

Ex connection data General

Nominal cross section	10 mm ²
Rated cross section AWG	8
Connection capacity rigid	1.5 mm ² ... 16 mm ²
Connection capacity AWG	16 ... 6
Connection capacity flexible	1.5 mm ² ... 10 mm ²
Connection capacity AWG	16 ... 8

Dimensions

Width	10.2 mm
End cover width	2.2 mm
Height	71.5 mm
Depth on NS 35/7,5	50.3 mm
Depth on NS 35/15	57.8 mm

Material specifications

Color	red (RAL 3001)
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

ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

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

ST 10 RD - Feed-through modular terminal block

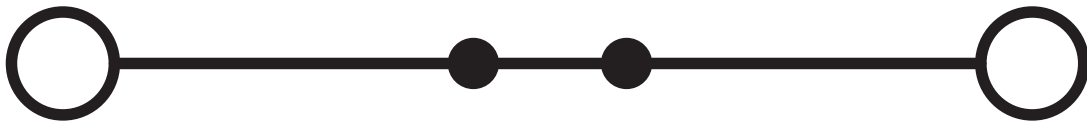
3035662

<https://www.phoenixcontact.com/sg/products/3035662>



Drawings

Circuit diagram



ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3035662>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	600 V	65 A	16 - 6	-
Use group C	600 V	65 A	16 - 6	-

 IECEE CB Scheme Approval ID: DE1-62906				
--	--	--	--	--

 KR Approval ID: HMB17372-EL002				
--	--	--	--	--

 NK Approval ID: 09 ME 140				
---	--	--	--	--

 VDE report with production monitoring Approval ID: 40009039				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	1000 V	57 A	-	1.5 - 10

 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	65 A	16 - 6	-
Use group C	600 V	65 A	16 - 6	-
Use group F	1000 V	65 A	16 - 6	-

DNV Approval ID: TAE00001CS				
---------------------------------------	--	--	--	--

ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>



ATEX

Approval ID: KEMA01ATEX2260U



EAC Ex

Approval ID: KZ 7500525010101950



IECEx

Approval ID: IECEx KEM 06.0033U



CCC

Approval ID: 2020322313000621



UKCA-EX

Approval ID: DEKRA 21UKEX0303U

ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250101

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

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

ST 10 RD - Feed-through modular terminal block



3035662

<https://www.phoenixcontact.com/sg/products/3035662>

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