

Feed-through modular terminal block - ST 10 RD - 3035662

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Feed-through modular terminal block, nom. voltage: 1000 V, nominal current: 57 A, connection method: Spring-cage connection, number of connections: 2, cross section: 0.2 mm² - 16 mm², AWG: 24 - 6, width: 10.2 mm, color: red, mounting type: NS 35/7,5, NS 35/15

The figure shows version ST 10 in gray

Why buy this product

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



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 625098
GTIN	4046356625098

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	10 mm ²
Color	red
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Machine building
	Plant engineering
	Process industry

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Technical data

General

Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.82 W
Maximum load current	65 A (with 16 mm ² conductor cross section)
Nominal current I _N	57 A
Nominal voltage U _N	1000 V
Open side panel	Yes

Dimensions

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

Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	6
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	10 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	6
Conductor cross section flexible min.	1.5 mm ²

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Technical data

Connection data

Conductor cross section flexible max.	10 mm ²
Stripping length	18 mm
Internal cylindrical gage	A6

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



Approvals

Approvals

Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / EAC / EAC / LR / BV / RS / KR / NK / DNV GL / IECCE CB Scheme / PRS / EAC / cULus Recognized

Ex Approvals

IECEEx / ATEX / EAC Ex

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
mm ² /AWG/kcmil	16-6	16-6	
Nominal current I _N	65 A	65 A	
Nominal voltage U _N	600 V	600 V	

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm²/AWG/kcmil	16-6	16-6	
Nominal current I _N	65 A	65 A	
Nominal voltage U _N	600 V	600 V	

VDE report with production monitoring		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40009039
mm²/AWG/kcmil	1.5-10		
Nominal current I _N	57 A		
Nominal voltage U _N	800 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm²/AWG/kcmil	16-6	16-6	
Nominal current I _N	65 A	65 A	
Nominal voltage U _N	600 V	600 V	

EAC		7500651.22.01.00246
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EAC		EAC-Zulassung
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LR		http://www.lr.org/en	04/20034
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BV		http://www.veristar.com/portal/veristarinfo/generalinfo/ approved/approvedProducts/equipmentAndMaterials	13403/B0 BV
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Approvals

RS		http://www.rs-head.spb.ru/en/index.php	11.04057.250
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KR		http://www.krs.co.kr/eng/main/main.aspx	HMB17372-EL002
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NK		http://www.classnk.or.jp/hp/en/	09 ME 140
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DNV GL		http://exchange.dnv.com/tari/	TAE00001CS
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IECEE CB Scheme		http://www.iecee.org/	DE1-51476
mm²/AWG/kcmil		1.5-10	
Nominal voltage UN		800 V	

PRS		http://www.prs.pl/	TE/2156/880590/17
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EAC			RU C- DE.A*30.B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
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