

## Feed-through terminal block - STS 4 RD - 3037494

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Feed-through terminal block, Connection method: Spring-cage connection, Number of connections: 2, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Width: 6.2 mm, Color: red, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version STS 4 in gray

### Why buy this product

- User-friendly wiring thanks to front connection
- Angled conductor entry for use in flat terminal boxes
- Large space saving when used in concealed wiring systems
- Feed-through terminal blocks with 2, 3 or 4 connections have the same shape



### Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4017918877033

### Technical data

#### General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	4 mm <sup>2</sup>
Color	red
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III

## Feed-through terminal block - STS 4 RD - 3037494

### Technical data

#### General

Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W
Maximum load current	38 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	Yes

#### Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	64.5 mm
Height NS 35/7,5	43 mm
Height NS 35/15	50.5 mm

#### Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Stripping length	10 mm
Internal cylindrical gage	A4

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## Technical data

### Standards and Regulations

Connection in acc. with standard	CSA
	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 Gutachten mit Fertigungsüberwachung / cUL Recognized / KR / IECEx CB Scheme / EAC / DNV GL / DNV GL / cULus Recognized

#### Ex Approvals

ATEX / IECEx / EAC Ex

### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
	B	C	
mm <sup>2</sup> /AWG/kcmil	28-10	28-10	
Nominal current I <sub>N</sub>	30 A	30 A	
Nominal voltage U <sub>N</sub>	600 V	600 V	

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	
mm <sup>2</sup> /AWG/kcmil	28-10	28-10	
Nominal current I <sub>N</sub>	30 A	30 A	

## Feed-through terminal block - STS 4 RD - 3037494

### Approvals

	B	C
Nominal voltage UN	600 V	600 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx</a>	40009034
mm <sup>2</sup> /AWG/kcmil	0.2-4.0		
Nominal current IN	32 A		
Nominal voltage UN	800 V		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	
mm <sup>2</sup> /AWG/kcmil	28-10	28-10	
Nominal current IN	30 A	30 A	
Nominal voltage UN	600 V	600 V	

KR		<a href="http://www.krs.co.kr/eng/main/main.aspx">http://www.krs.co.kr/eng/main/main.aspx</a>	HMB17372-EL004
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IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-51420
mm <sup>2</sup> /AWG/kcmil	4		
Nominal voltage UN	800 V		

EAC		7500651.22.01.00246
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DNV GL	<a href="https://www.dnvgl.com/">https://www.dnvgl.com/</a>	E-13345 (E-9232)
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DNV GL	<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	TAE00001CS
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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