

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Color: red, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the gray color version



Key commercial data

package_quantity	50
GTIN	4017918812515

Technical data

General

Number of levels	1
Number of connections	3
Color	red
Inflammability class according to UL 94	V0

General

Maximum load current	28 A (with 4 mm ² conductor cross section)
Rated surge voltage	8 kV
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	24 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	51 mm
Height NS 35/7,5	43 mm
Height NS 35/15	50.5 mm

Connection data

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

Technical data

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A3

classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

classifications

UNSPSC

UNSPSC 13.2	39121410
--------------------	----------

approvals

ATEX / IECEx / CSA / UL Recognized / SEV / cUL Recognized / GOST / DNV / KR / CCA / GOST / CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized /

Approval details

ATEX	
Nominal voltage UN	550 V
Nominal current IN	21 A
mm ² /AWG/kcmil	0.08-2.5

IECEx	
Nominal voltage UN	550 V
Nominal current IN	21 A
mm ² /AWG/kcmil	0.08-2.5

CSA		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

UL Recognized		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

SEV	
Nominal voltage UN	800 V

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

approvals

Nominal current IN	
mm ² /AWG/kcmil	2.5-1.5

cUL Recognized

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

GOST

DNV

KR

CCA

Nominal voltage UN	
Nominal current IN	
mm ² /AWG/kcmil	1.5

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	800 V
--------------------	-------

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

approvals

Nominal current IN	24 A
mm ² /AWG/kcmil	0.2-2.5

IECEE CB Scheme	
Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	2.5

Nominal voltage UN	800 V
Nominal current IN	24 A
mm ² /AWG/kcmil	0.2-2.5

cULus Recognized	
-------------------------	--

accessories

End cover

D-ST5 2,5 - 3031762



DP PS-5 - 3036725



Labeled terminal marker

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

WST 2,5 - 3030941



ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

UCT-TMF 5 CUS - 0829658



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Documentation

ST-IL - 3039900



Bridge

FBS 20-5 - 3030226



FBS 10-5 - 3030213



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

FBS 5-5 - 3030190



FBS 4-5 - 3030187



FBS 3-5 - 3030174



FBS 2-5 - 3030161



FBS 50-5 - 3038930



Mounting rail

Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Insulating sleeve

ISH 2,5/0,2 - 3002843



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



Test plug terminal block

PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



Feed-through terminal block - STS 2,5-TWIN RD - 3037517

accessories

PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Drawings

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>