Extract from the online catalog

ST 2,5-TWIN-TG

Order No.: 3038448

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3038448

Component terminal block, Connection type: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 72 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7.5, NS 35/15

Commercial data	
GTIN (EAN)	4 017918 890605
sales group	A641
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 120 (CL-2009)

Product notes

WEEE/RoHS-compliant since: 01/01/2003

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

Number of levels	1
Number of connections	2
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	5.2 mm
Length	72 mm
Height NS 35/7.5	36.5 mm
Height NS 35/15	44 mm

Technical data

Maximum load current	16 A (with 4 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	20 A (current is determined by the connector used)
Nominal voltage U_N	400 V (voltage is determined by the connector used)

Connection data

Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.08 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Type of connection	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A3

Certificates / Approvals

Certification	CSA, CUL, GOST, UL

Accessories

Item	Designation	Description
Assembly		
3030815	ATP-ST QUATTRO	Partition plate, Length: 90.9 mm, Width: 2 mm, Height: 45 mm, Color: gray
3030514	D-ST 2,5-QUATTRO	End cover, Length: 72 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray
Bridges		
3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Plug-in bridge, Number of positions: 50, Color: red
Marking		
0800190	ZB 5 /VT-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: violet
1050004	ZB 5 :UNBEDRUCKT	Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White
1050127	ZB 5,LGS:1-9	Zack strip, printed horizontally: 9-section, with the numbers 1 - 9, color: white
1050017	ZB 5,LGS:FORTL.ZAHLEN	Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white
1050033	ZB 5,LGS:GLEICHE ZAHLEN	Zack marker strip, printed horizontally: 10-section, with identical numbers 1/1/1, 2/2/2, and so on up to 100, color: white

1050415	ZB 5,LGS:L1-N,PE	Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white
1050020	ZB 5,QR:FORTL.ZAHLEN	Zack marker strip, 10-section, printed vertically: with consecutive numbers 1 - 10, 11 - 20, and so on up to 491 - 500, color: white
5061536	ZB 5/BU-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: blue
5061497	ZB 5/GN-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: green
1050211	ZB 5/OG,LGS: 10-100	Zack strip, printed horizontally: 10-section, with the numbers 10/20/30-100, (for decade labeling), color: orange
5061471	ZB 5/RD-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: red
5060906	ZB 5/WH-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White
5061510	ZB 5/YE-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: yellow
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
0807180	ZBFM 5/OG:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: orange
0803595	ZBFM 5/WH:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: white
0803647	ZBFM 5:SO/CMS	Special printing, Zack marker sheet, flat, 120-section, divisible, marking according to customer requirements

Plug/Adapter

3002843	ISH 2,5/0,2	Insulation stop sleeve, Color: white
3002856	ISH 2,5/0,5	Insulation stop sleeve, Color: gray
3002869	ISH 2,5/1,0	Insulation stop sleeve, Color: black
3036783	P-DI	Isolating connectors, Length: 10.5 mm, Width: 3.5 mm, Height: 23.1 mm, Color: orange
3030925	PAI-4	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red

Tools

1204517	SZF 1-0,6X3,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Additional products

Item	Designation	Description
Assembly		
3036796	P-CO	Component connector, Nominal current: 6 A, Length: 24 mm, Width: 5.2 mm, Height: 22 mm, Color: gray
Plug/Adapter		
3036783	P-DI	Isolating connectors, Length: 10.5 mm, Width: 3.5 mm, Height: 23.1 mm, Color: orange
3038956	P-FIX	Feed-through connector, Length: 10.5 mm, Width: 4 mm, Color: gray
3036806	P-FU 5X20	Fuse plug, Nominal current: 6.3 A, Nominal voltage: 500 V, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass, Color: black

Diagrams/Drawings

Circuit diagram

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg,Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
http://www.phoenixcontact.de

© 2011 Phoenix Contact
Technical modifications reserved;

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru