

Feed-through terminal block - PT 1,5/S-QUATTRO-U - 3208359

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Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 16, Width: 3.5 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Product Features

- ✓ The push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key commercial data

Packing unit	1 PCE
GTIN	 4 046356 564366
Custom tariff number	85369010
Country of origin	POLAND

Technical data

General

Number of levels	1
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	3.5 mm
Length	63.2 mm
Height NS 35/7,5	32 mm

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Technical data

Dimensions

Height NS 35/15	39.5 mm
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Technical data

Maximum load current	15 A (with 1.5 mm ² 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	15 A
Nominal voltage U _N	500 V
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	7.3 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.14 mm ² / 0.2 kg
Bending test conductor cross section/weight	1.5 mm ² / 0.4 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.14 mm ²
Tractive force setpoint	10 N
Conductor cross section tensile test	1.5 mm ²
Tractive force setpoint	40 N
Tensile test result	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	1.5 mm ²

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Technical data

Technical data

Short-time current	0.18 kA
Short circuit stability result	Test passed
Ageing test for screwless modular terminal block temperature cycles	192
Result of aging test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, on vehicle body
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$1.857 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 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.	1 mm ²

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Connection data

Connection method	Push-in connection
Stripping length	8 mm
Internal cylindrical gage	A1 / B1

Classifications

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141125
eCl@ss 5.1	27141125
eCl@ss 6.0	27141125
eCl@ss 7.0	27141125

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / GL / LR / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized 			
	B	C	D
mm ² /AWG/kcmil	26-14	26-14	26-14
Nominal current I _N	15 A	15 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

cUL Recognized 			
	B	C	D
mm ² /AWG/kcmil	26-14	26-14	26-14
Nominal current I _N	15 A	15 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

CSA 			
	B	C	D
mm ² /AWG/kcmil	26-14	26-14	26-14
Nominal current I _N	15 A	15 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

GL

LR

cULus Recognized 			
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Accessories

Accessories

Assembly

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Accessories

Partition plate - ATP-ST QUATTRO - 3030815



Partition plate, Length: 90.9 mm, Width: 2 mm, Height: 45 mm, Color: gray

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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Accessories

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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Accessories

DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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Accessories

End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

End clamp - CLIPFIX 35 - 3022218



Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, can be fitted with ZB 5 and ZBF 5 zack marker strip, KLM 2, KLM3, and KML3L terminal strip marker, parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

Bridges

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Accessories

Jumper - FBS 2-3,5 - 3213014



Jumper, Number of positions: 2, Color: red

Jumper - FBS 3-3,5 - 3213027



Jumper, Number of positions: 3, Color: red

Jumper - FBS 4-3,5 - 3213030



Jumper, Number of positions: 4, Color: red

Jumper - FBS 5-3,5 - 3213043



Jumper, Number of positions: 5, Color: red

Jumper - FBS 10-3,5 - 3213056



Jumper, Number of positions: 10, Color: red

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Accessories

Jumper - FBS 20-3,5 - 3213069



Jumper, Number of positions: 20, Color: red

Jumper - FBS 2-3,5 BU - 3213086



Jumper, Number of positions: 2, Color: blue

Jumper - FBS 3-3,5 BU - 3213099



Jumper, Number of positions: 3, Color: blue

Jumper - FBS 4-3,5 BU - 3213109



Jumper, Number of positions: 4, Color: blue

Jumper - FBS 5-3,5 BU - 3213112



Jumper, Number of positions: 5, Color: blue

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Accessories

Jumper - FBS 10-3,5 BU - 3213125



Jumper, Number of positions: 10, Color: blue

Jumper - FBS 20-3,5 BU - 3213138



Jumper, Number of positions: 20, Color: blue

Reducing bridge - RB ST (2,5/4)-1,5/S - 3214356



Reducing bridge, Number of positions: 2, Color: red

Reducing bridge - RB ST 6-1,5/S - 3213250



Reducing bridge, Number of positions: 2, Color: red

Covers

End cover - D-PT 1,5/S-QUATTRO - 3208375



End cover, Length: 63.2 mm, Width: 2.2 mm, Height: 24.3 mm, Color: gray

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Accessories

Marking

Group marker label for terminal marking - GBS-ZB/26X6 - 0809298



Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm

Zack marker strip - ZB 3,5:UNBEDRUCKT - 0829414



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 3.5 mm, Lettering field: 3.5 x 10.5 mm

Zack marker strip - ZB 3,5 CUS - 0829415



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 3.5 mm, Lettering field: 3.5 x 10.5 mm

Marker for terminal blocks - UCT-TM 3,5 - 0829484



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into tall marker groove, For terminal block width: 3.5 mm, Lettering field: 2.95 x 10.5 mm

Marker for terminal blocks - UCT-TM 3,5 CUS - 0829581



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 3.5 mm, Lettering field: 2.95 x 10.5 mm

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Accessories

Zack Marker strip, flat - ZBF 3,5:UNBEDRUCKT - 0829392



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 3.5 mm, Lettering field: 3.5 x 5.2 mm

Zack Marker strip, flat - ZBF 3,5 CUS - 0829394



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 3.5 mm, Lettering field: 3.5 x 5.2 mm

Marker for terminal blocks - UCT-TMF 3,5 - 0829486



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into flat marker groove, For terminal block width: 3.5 mm, Lettering field: 2.7 x 4.7 mm

Marker for terminal blocks - UCT-TMF 3,5 CUS - 0829644



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 3.5 mm, Lettering field: 2.7 x 4.7 mm

Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, Unlabeled, Can be labeled with: Thermomark R, Thermomark X, Thermomark S, Mounting type: Snap into universal marker groove, Snap into flat marker groove, Lettering field: 9.5 x 50000 mm

Plug/Adapter

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Accessories

Test plugs - MPS-MT - 0201744



Test plugs

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Accessories

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.

Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.

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Accessories

Tools

Phillips-screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Mounting material - PT-IL - 3208090



Operating decal for the Push-in Technology

Drawings

Circuit diagram



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9