

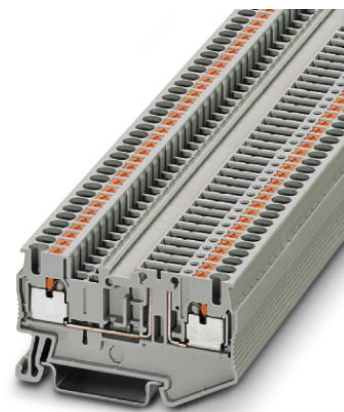


THE DATASHEET OF
3210185



PIT 2,5-TG

Order No.: 3210185



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3210185>

Disconnect terminal block, Connection type: Leg spring connection,
Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Nominal current: 20
A, Nominal voltage: 400 V, Length: 62 mm, Width: 5.2 mm,
Color: gray, Assembly: NS 35/7,5, NS 35/15

Commercial data

EAN	4046356333566
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00865 KG
Catalog page information	Page 194 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
04/14/2009



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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	62 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Technical data

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 (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	400 V
Open side panel	ja
Number of positions	1

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
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
Type of connection	Leg spring connection

Stripping length	10 mm
Internal cylindrical gage	A3

Accessories

Item	Designation	Description
Assembly		
3030789	ATP-ST-TWIN	Partition plate, Length: 76.6 mm, Width: 2 mm, Height: 45 mm, Color: gray
3022276	CLIPFIX 35-5	Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray
3036725	DP PS-5	Spacer plate, Color: red
3036602	DS-ST 2,5	Cover segment, Length: 72 mm, Height: 36.5 mm, Color: gray
0801704	NS 35/ 7,5 AL UNPERF 2000MM	DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1207640	NS 35/ 7,5 PERF 755MM	NS 35 DIN rail, height 7.5 mm, length 755 mm
1207653	NS 35/ 7,5 PERF 955MM	NS35 DIN rail, height 7.5 mm, length 955 mm
1207666	NS 35/ 7,5 PERF 1155MM	NS 35 DIN rail, height 7.5 mm, length 1155 mm
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m
1208131	NS 35/ 7,5 PERF/...	DIN rail, Color: silver
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1208115	NS 35/ 7,5 UNPERF/...	DIN rail, Color: silver
1208128	NS 35/ 7,5 UNPERF/SO/...	DIN rail, Color: silver
0801377	NS 35/ 7,5 V2A UNPERF 2000MM	DIN rail, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver
1206421	NS 35/ 7,5 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m
1206434	NS 35/ 7,5 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

1208144	NS 35/15 UNPERF/...	DIN rail, Color: silver
1208157	NS 35/15 UNPERF/SO/...	DIN rail, Color: silver
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m
3038943	RB ST (2,5/4)-1,5	Cross connector/bridge, Number of positions: 2, Color: red

Bridges

3030161	FBS 2-5	Cross connector/bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Cross connector/bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Cross connector/bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Cross connector/bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Cross connector/bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Cross connector/bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Cross connector/bridge, Number of positions: 50, Color: red

General

3211003	D-PIT 2,5-MT	Cover, Length: 62 mm, Width: 2.2 mm, Color: gray
0810588	GBS 5-25X12	Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5
0809298	GBS-ZB/26X6	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

Marking

3037643	STP 5-2-ZB	Double marker carrier, snaps onto the spring-cage terminal blocks ST 2.5..., labeled with ZB 5 or ZBF 5
0818108	UC-TM 5	UniCard sheets, for labeling terminal blocks using Zack marker strip groove, 96-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White
0824581	UC-TM 5 CUS	UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements
0819796	UC-TMF 5L	UniCard sheets, for labeling terminal blocks using a flat Zack marker strip groove, 192-section, can be labeled with CMS-P1-PLOTTER, color: White
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
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, 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
0201731	MPS-IH BK	Insulating sleeve, for MPS metal part, Color: black
0201689	MPS-IH BU	Insulating sleeve, for MPS metal part, Color: blue
0201702	MPS-IH GN	Insulating sleeve, for MPS metal part, Color: green
0201728	MPS-IH GY	Insulating sleeve, for MPS metal part, Color: gray
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201715	MPS-IH VT	Insulating sleeve, for MPS metal part, Color: violet
0201663	MPS-IH WH	Insulating sleeve, for MPS metal part, Color: white
0201692	MPS-IH YE	Insulating sleeve, for MPS metal part, Color: yellow
0201744	MPS-MT	Metal part
3030925	PAI-4	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red

Tools

1204517	SZF 1-0,6X3,5	Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm
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Additional products

Item	Designation	Description
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Assembly

3036796	P-CO	Component connector, Nominal current: 6 A, Length: 24 mm, Width: 5.2 mm, Height: 22 mm, Color: gray
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Plug/Adapter

3032460	P-CO 1N4007/L-R	Component connector, Length: 24 mm, Width: 5.2 mm, Height: 22 mm, Color: gray
3032457	P-CO 1N4007/R-L	Component connector, Length: 24 mm, Width: 5.2 mm, Height: 22 mm, Color: gray
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, Length: 28 mm, Width: 6.2 mm, Height: 25 mm, Color: black
3036835	P-FU 5X20 LA 250	Fuse plug, Nominal current: 6.3 A, Length: 28 mm, Width: 6.2 mm, Height: 25 mm, Color: black

3036819	P-FU 5X20 LED 24	Fuse plug, Nominal current: 6.3 A, Length: 28 mm, Width: 6.2 mm, Height: 25 mm, Color: black
3036822	P-FU 5X20 LED 60	Fuse plug, Nominal current: 6.3 A, Length: 28 mm, Width: 6.2 mm, Height: 25 mm, Color: black

Diagrams/Drawings

Circuit diagram



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