

**PIT 4-DIO 1N 5408/L-R**

Order No.: 3212112

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Component terminal block, Connection type: Leg spring connection,  
Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Nominal current: 1.5  
A, Nominal voltage: 800 V, Length: 56 mm, Width: 6.2 mm,  
Color: gray, Assembly: NS 35/7.5, NS 35/15

**Commercial data**

GTIN (EAN)	 4 046356 509183
Note	Made-to-order
sales group	A642
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 118 (CL1-2011)

**Product notes**

WEEE/RoHS-compliant since:  
05/08/2009



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**Technical data****General**

Note	The max. current is determined by the diode. Installed: diode 1N 5408, reverse voltage: 1000 V, maximum continuous current: 1.5 A
Number of levels	1

Number of connections	2
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

#### Dimensions

Width	6.2 mm
Length	56 mm
Height NS 35/7.5	36.5 mm
Height NS 35/15	44 mm

#### Technical data

Maximum load current	1.5 A (the maximum current is determined by the diode)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current $I_N$	1.5 A
Nominal voltage $U_N$	800 V
Open side panel	ja

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, 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 method	Leg spring connection
Stripping length	10 mm
Internal cylindrical gage	A4

### Certificates / Approvals



Certification

CUL, GL, GOST, UL

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3030721	ATP-ST 4	Partition plate, Length: 61 mm, Width: 2 mm, Height: 42 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
3030420	D-ST 4	End cover, Length: 56 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray
3036738	DP PS-6	Spacer plate, Color: red
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, Width: 35 mm, Height: 7.5 mm, 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, Width: 35 mm, Height: 7.5 mm, Color: silver

1208128	NS 35/ 7,5 UNPERF/SO/...	DIN rail, Width: 35 mm, Height: 7.5 mm, 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, Width: 35 mm, Height: 15 mm, Color: silver
1208157	NS 35/15 UNPERF/SO/...	DIN rail, Width: 35 mm, Height: 15 mm, Color: silver
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

**Bridges**

3030336	FBS 2-6	Plug-in bridge, Number of positions: 2, Color: red
3030242	FBS 3-6	Plug-in bridge, Number of positions: 3, Color: red
3030255	FBS 4-6	Plug-in bridge, Number of positions: 4, Color: red
3030349	FBS 5-6	Plug-in bridge, Number of positions: 5, Color: red
3030271	FBS 10-6	Plug-in bridge, Number of positions: 10, Color: red
3030365	FBS 20-6	Plug-in bridge, Number of positions: 20, Color: red
3032224	FBS 50-6	Plug-in bridge, Number of positions: 50, Color: red

**General**

0828282	CARRIER-TM 300	<b>Marker adapter</b> , 300 mm long, can be snapped into the marker groove, designed to accommodate ZB ... or UC-TM ...
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**Marking**

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
0816498	TMT 6 R	Markers for terminal blocks with 6 mm pitch, perforated, unprinted, for all terminal blocks with ZB and ZBF keyway, can be labelled using a thermo transfer printer, 1 roll = 1,000 strips, 16 labels/ strips, strip height: 6.4 mm

0828295	TMT (EX9,5)R	Terminal marking with 9.5 mm strip height, continuous, without color print, for all terminals with ZB or ZBF groove, can be labeled using a thermal transfer printer, 1 roll = 50 m
0818085	UC-TM 6	UniCard materials for labeling terminal blocks with a marker groove,80-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white
0824589	UC-TM 6 CUS	Terminal block marking, can be labeled as per customer specifications
0818140	UC-TMF 6	UniCard materials for labeling terminal blocks using a flat marker groove, 80-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white
0824646	UC-TMF 6 CUS	UniCard sheets, for labeling terminal blocks with a flat zack marker sheet groove, can be printed as per customer requirements
0828736	UCT-TM 6	UniCard materials for thermal transfer printer, for labeling terminal blocks with a marker groove, 60-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white
0829602	UCT-TM 6 CUS	Terminal block marking, can be labeled as per customer specifications
0828746	UCT-TMF 6	UniCard materials for thermal transfer printer, for labeling terminal blocks with a horizontal marker groove, 60-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white
0829665	UCT-TMF 6 CUS	Terminal block marking, can be labeled as per customer specifications
1051003	ZB 6:UNBEDRUCKT	Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white
0808710	ZBF 6:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white

**Plug/Adapter**

3002885	ISH 4/0,5	Insulating sleeve, Color: gray
3002898	ISH 4/1,0	Insulating sleeve, Color: black
0201731	MPS-IH BK	Insulating sleeve, Color: black
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201728	MPS-IH GY	Insulating sleeve, Color: gray
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201715	MPS-IH VT	Insulating sleeve, Color: violet
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201692	MPS-IH YE	Insulating sleeve, Color: yellow
0201744	MPS-MT	Test plugs
3032871	PAI-4-N GY	Test adapter, Color: gray

3030996	PS-6	Test adapter, Color: red
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**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
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**Diagrams/Drawings**

Circuit diagram



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