

## ST 16-PE

Order No.: 3036165



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=3036165>

Spring cage ground terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 24 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15



Commercial data	
EAN	4017918821098
Pack	25
Customs tariff	85369010
Weight/Piece	51.20 g
Country of Origin	PL
Catalog page information	Page 81 (CL-2009)

#### Product notes

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



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#### Technical data

##### General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA

Inflammability class acc. to UL 94	V0
<b>Dimensions</b>	
Width	12.2 mm
Length	80 mm
Height NS 35/7,5	51 mm
Height NS 35/15	58.5 mm
<b>Technical data</b>	
Maximum load current	90 A (with 25 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Nominal current I <sub>N</sub>	76 A
Open side panel	ja
<b>Connection data</b>	
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	4
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.	16 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.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Type of connection	Spring-cage connection
Stripping length	18 mm

Internal cylindrical gage	A7
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### Certificates



Certification BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI

Certification Ex: IECEx, KEMA-EX

#### CSA

AWG/kcmil	16-4
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#### CUL

AWG/kcmil	16-4
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#### UL

AWG/kcmil	16-4
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### Accessories

Item	Designation	Description
<b>Assembly</b>		
3036657	D-ST 16	End cover, Length: 80 mm, Width: 2.2 mm, Height: 51.1 mm, Color: gray
<b>Bridges</b>		
3005950	FBS 2-12	Plug-in bridge, Number of positions: 2, Color: red
<b>General</b>		
0812146	ZB 12,LGS:L1-N,PE	Zack marker strip, printed horizontally: 5-section, L1, L2, L3, N, PE, color: White
<b>Marking</b>		
3030006	WST 10/35	Warning cover, 5-pos., for terminal width: 5.2 mm
0812133	ZB 12:SO/CMS	Zack marker strip, 5-section, divisible, special printing, marking according to customer requirements
0812120	ZB 12:UNPRINTED	Zack marker strip, unprinted: 5-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks per pack

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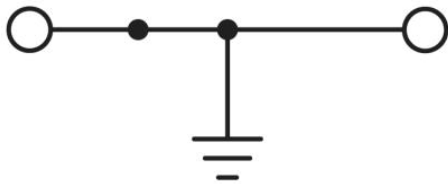
0810038	ZBF 12:SO/CMS	Zack marker strip, flat, in 12 mm pitch, printed according to customer requirements, 5-section, divisible, color: white
0809735	ZBF 12:UNBEDRUCKT	Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer

**Tools**

1206612	SZF 3-1,0X5,5	Screwdriver, blade: 1.0 x 5.5 x 100 mm, length 180 mm
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**Drawings**

Circuit diagram



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