Extract from the online catalog

ST 16-PE

Order No.: 3036165



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036165

Spring cage ground terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.2 mm² - 25 mm², AWG 24 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15

Product notes

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

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Commercial data

GTIN (EAN)	4 017918 821098
sales group	A603
Pack	25 pcs.
Customs tariff	85369010
Catalog page information	Page 81 (CL-2009)

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow

Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	12.2 mm
Length	80 mm
Height NS 35/7.5	51.5 mm
Height NS 35/15	59 mm

Technical data

Maximum load current	90 A (with 25 mm^2 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_N	76 A
Open side panel	ja

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	25 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	16 mm²
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 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²
Type of connection	Spring-cage connection

Stripping length	18 mm
Internal cylindrical gage	A7

Certificates / Approvals

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

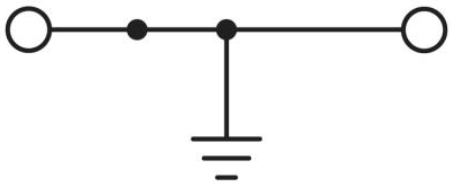
Certification Ex: IECEx, KEMA-EX

Accessories

Item	Designation	Description
Assembly		
3036657	D-ST 16	End cover, Length: 80 mm, Width: 2.2 mm, Height: 51.1 mm, Color: gray
Bridges		
3005950	FBS 2-12	Plug-in bridge, Number of positions: 2, Color: red
General		
0812146	ZB 12,LGS:L1-N,PE	Zack marker strip, printed horizontally: 5-section, L1, L2, L3, N, PE, color: White
Marking		
3030006	WST 10/35	Warning cover, 5-pos., for terminal widths of 10.2 mm, 12.2 mm, and 16 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 without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS system, sufficient for labeling 50 terminal blocks per pack
0809735	ZBF 12:UNBEDRUCKT	Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer
Tools		
1206612	SZF 3-1,0X5,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

Diagrams/Drawings

Circuit diagram



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