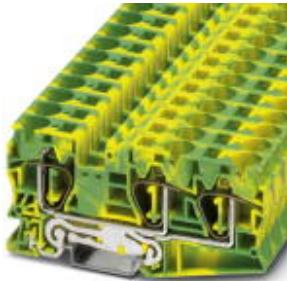


Feed-through terminal block - ST 16-TWIN-PE - 3035344

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.2 mm² - 25 mm², AWG: 24 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/15, NS 35/7,5

Product Features

- ☒ Additional labeling options
- ☒ Low contact resistance
- ☒ Corrosion-free terminal points
- ☒ Green-yellow housing

Key commercial data

package_quantity	25
GTIN	4046356100922

Technical data

General

Number of levels	1
Number of connections	3
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0

General

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 (the maximum load current must not be exceeded by the total current of the connected conductors)
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 2, bogie mounted

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Technical data

General

ASD level	6.12 (m/s ²) ² /Hz
Acceleration	3.12 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	30 g
Shock duration	18 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))	125 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	12.2 mm
Length	107.8 mm
Height NS 35/7,5	51.5 mm
Height NS 35/15	59 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	16 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Connection method	Spring-cage connection
Stripping length	16 mm

Feed-through terminal block - ST 16-TWIN-PE - 3035344

Technical data

Connection data

Internal cylindrical gage	A7
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classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

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

approvals

UL Recognized / VDE Zeichengenehmigung / GOST /

Approval details

UL Recognized 		
Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm²/AWG/kcmil	16-4	16-4

VDE Zeichengenehmigung 

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approvals

Nominal voltage UN	
Nominal current IN	76 A
mm²/AWG/kcmil	1.5-16



accessories

End cover

D-ST 16-TWIN - 3035357



Screwdriver tools

SZF 3-1,0X5,5 - 1206612



Labeled terminal marker

WST 10/35 - 3030006



ZB 12 CUS - 0824942



Feed-through terminal block - ST 16-TWIN-PE - 3035344

accessories

UC-TM 12 CUS - 0824613



UCT-TM 12 CUS - 0829630



ZBF 12 CUS - 0825018



UC-TMF 12 CUS - 0824670



UCT-TMF 12 CUS - 0829686



Documentation

Feed-through terminal block - ST 16-TWIN-PE - 3035344

accessories

ST-IL - 3039900



Bridge

FBS 2-12 - 3005950



RB ST 16-(2,5/4) - 3030886



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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accessories

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



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



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



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



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



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



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accessories

NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 12:UNPRINTED - 0812120



UC-TM 12 - 0819194



UCT-TM 12 - 0829144



ZBF 12:UNBEDRUCKT - 0809735



Feed-through terminal block - ST 16-TWIN-PE - 3035344

accessories

UC-TMF 12 - 0819233



UCT-TMF 12 - 0829214



Test plug terminal block

MPS-MT - 0201744



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



Feed-through terminal block - ST 16-TWIN-PE - 3035344

accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



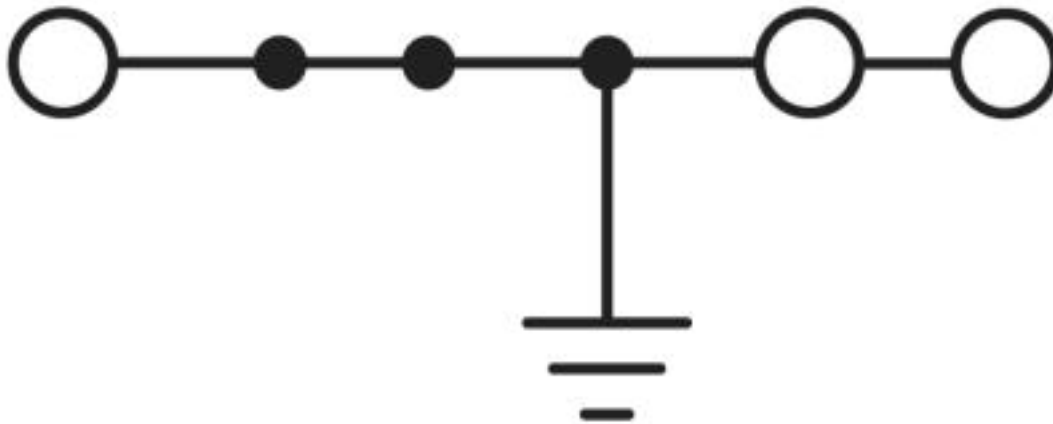
MPS-IH BK - 0201731



Drawings

Feed-through terminal block - ST 16-TWIN-PE - 3035344

Circuit diagram



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