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Feed-through terminal block - STU 35/ 4X10 BU - 3033210

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, Width: 16.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- The STU 35/4x10 spring-cage hybrid terminal block is used to divide a 35 mm² supply line into four 10 mm² connections
- Can be consistently bridged to standard terminal blocks in the ST spring-cage terminal block series
- Supplied using a 35 mm² screw connection
- The system-internal distribution is via four spring-cage connections with a nominal cross section of 10 mm²
- The double bridge shaft supports further potential distributions

Key Commercial Data

Packing unit	25 STK
GTIN	4 046356 296045

Technical data

General

Number of levels	1
Number of connections	5
Nominal cross section	35 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-60 °C ... 130 °C
Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	41 A (In case of a 10 mm² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)

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Technical data

General

Nominal current I_N	41 A
Nominal voltage U_N	1000 V
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	125 A (with 50 mm² conductor cross section)
Nominal current I_N	125 A
Nominal voltage U_N	1000 V
Open side panel	No

Dimensions

Width	16.2 mm
Length	86 mm
Height NS 35/7,5	46.8 mm
Height NS 35/15	54.3 mm

Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 60947-7-1
Stripping length	12 mm
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
Conductor cross section flexible, with TWIN ferrule min.	0.5 mm²
Conductor cross section flexible, with TWIN ferrule max.	1.5 mm²
Nominal current I_N	41 A
Maximum load current	41 A (In case of a 10 mm² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage U_N	1000 V
Internal cylindrical gage	A5
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Screw thread	M6

Feed-through terminal block - STU 35/ 4X10 BU - 3033210

Technical data

Connection data

Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm
Stripping length	18 mm
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	50 mm²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	1.5 mm²
Conductor cross section flexible max.	35 mm²
Min. AWG conductor cross section, flexible	16
Max. AWG conductor cross section, flexible	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm²
Conductor cross section flexible, with TWIN ferrule min.	1.5 mm²
Conductor cross section flexible, with TWIN ferrule max.	10 mm²
2 conductors with same cross section, solid min.	1.5 mm²
2 conductors with same cross section, solid max.	16 mm²
2 conductors with same cross section, stranded min.	1.5 mm²
2 conductors with same cross section, stranded max.	10 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 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.	10 mm²
Nominal current I_N	125 A
Maximum load current	125 A (with 50 mm² conductor cross section)
Nominal voltage U_N	1000 V

Standards and Regulations

Connection in acc. with standard	UL
	IEC 60947-7-1
	IEC 60947-7-1
Flammability rating according to UL 94	V0

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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
eCl@ss 9.0	27141120

ETIM

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

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / EAC / EAC / BV

Ex Approvals

Approvals submitted

Approval details

Feed-through terminal block - STU 35/ 4X10 BU - 3033210

Approvals

UL Recognized

		B	C
mm²/AWG/kcmil	14-2	14-2	
Nominal current IN	115 A	115 A	
Nominal voltage UN	600 V	600 V	

EAC

EAC

BV

Drawings

Circuit diagram

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