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Test disconnect terminal block, With test socket screws for insertion of test plugs, Connection type: Bolt connection, Cross section: 0.1 mm² - 6 mm², AWG: 26 - 10, Nominal current: 41 A, Nominal voltage: 500 V, Length: 82.4 mm, Width: 12.3 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Product Description

with test socket screws

Product Features

- The special clamping nuts can be actuated with a normal screwdriver
- Quick and easy connection thanks to hinged cover flaps which hold the clamping nuts captive. When the flaps are open, the connection bolt is freely accessible and the cable lugs can be hooked in; after closing and engaging the flaps
- 🗹 Easy bridging and potential distribution using the patented plug-in bridges from the CLIPLINE complete system
- ☑ Large-surface labeling options in the terminal center and above the terminal points
- The use of the switching lock effectively prevents unintentional switching
- The hinged cover cover the live metal parts including the insulated cable lugs in the clamping area so that they are touch proof
- ☑ Testing with the standardized test adapters and test plugs of the CLIPLINE complete system.



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	36.8 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Note	Note: the BE-RT path extension is to be used for non-insulated cable lugs (see accessories).
Number of levels	1

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Technical data

General

Nominal cross section 6 mm²	Number of connections	2
Color Insulating material group Insulating mat		
Insulating material		
Flammability rating according to UL 94		
Area of application Mechanical engineering Rated surge voltage 6 kV Plant engineering 6 kV Overvoltage category III Insulating material group 1 Connection in acc, with standard IEC 60947-7-1 Maximum load current ly Nominal current ly Nominal voltage U _N 500 V Open side panel ja Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Surge voltage test setpoint 7.3 kV Result of surge voltage test Power frequency withstand voltage test Checking the mechanical stability of terminal points (5 x conductor connection) Set passed Pequirements, voltage drop test Test passed Requirements, voltage drop test Test passed Fenguerer-rese test Test passed Conductor cross section short circuit testing 6 mm² Short circuit stability result Test passed Proof of themal characteristics (needle flame) effective duration 30 s Result of terminal test Test passed		
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Proof of thermal characteristics (needle flame) effective duration 30 s Result of thermal test Test passed	Short-time current	0.72 kA
Result of thermal test Test passed	Short circuit stability result	Test passed
	Proof of thermal characteristics (needle flame) effective duration	30 s
Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03	Result of thermal test	Test passed
	Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03

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Technical data

General

Test spectrum	Service life test category 2, bogie mounted
Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s²)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	30g
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))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	12.3 mm
End cover width	2.2 mm
Length	82.4 mm
Height NS 35/7,5	51 mm
Height NS 35/15	58.5 mm

Connection data

Note	Connection bolts
Connection method	Bolt connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.1 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.1 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	10
Cable lug connection according to standard	DIN 46 234
Min. cross section for cable lug connection	0.5 mm ²

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Technical data

Connection data

Max. cross section for cable lug connection	6 mm²
Hole diameter	4.3 mm
Bolt diameter	4 mm
Cable lug connection according to standard	DIN 46237
Min. cross section for cable lug connection	0.5 mm ²
Max. cross section for cable lug connection	6 mm²
Hole diameter	4.3 mm
Bolt diameter	4 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141126
eCl@ss 4.1	27141126
eCI@ss 5.0	27141126
eCl@ss 5.1	27141126
eCl@ss 6.0	27141126
eCl@ss 7.0	27141126
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

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

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Approvals			
Approvals			
Approvals			
JL Recognized / cUL Recognized / c	cULus Recognized		
Ex Approvals			
Approvals submitted			
Approval details			
Approval details			
Approval details UL Recognized	В	C	
	B 30 A	C 30 A	
UL Recognized 5			
Nominal current IN	30 A	30 A	
UL Recognized Nominal current IN Nominal voltage UN	30 A	30 A	
UL Recognized Nominal current IN Nominal voltage UN	30 A	30 A 600 V	
UL Recognized Nominal current IN Nominal voltage UN cul Recognized	30 A 600 V	30 A 600 V	
UL Recognized N	30 A 600 V	30 A 600 V	

Drawings

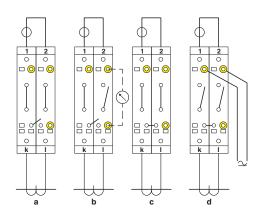
cULus Recognized CTLus



Circuit diagram

ما آس

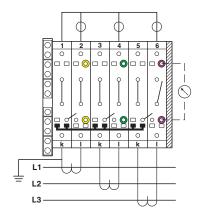
Connection diagram



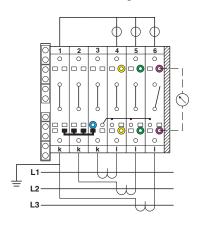
Simple current transformer test circuit

- a = normal operation
- b = measured value testing
- c = transformer testing
- d = relay testing

Connection diagram



Connection diagram



Three-phase transducer test set

Three-phase linked transducer test set

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