

1544642

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Protective conductor terminal block, number of connections: 3, number of positions: 1, connection method: Push-X-connection, Rated cross section: 2.5 mm², cross section: 0.5 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: green-yellow

Your advantages

- The CLIPLINE complete COMBI terminal block ensures greater efficiency in control cabinet building through cable assemblies
- In addition to the classic features of the CLIPLINE complete system, the XT-COMBI terminal blocks are characterized by the modern XT connection technology and the option of plug-in capability
- The XT connection technology enables conductors to be connected directly and without tools, even without the addition of ferrules
- The COMBI plug-in zone is universal; all existing COMBI connectors can be used to establish a connection with it

Commercial data

Item number	1544642	
Packing unit	50 pc	
Minimum order quantity	50 pc	
Sales key	BE2542	
Product key	BE2542	
GTIN	4067923018037	
Weight per piece (including packing)	9,63 g	
Weight per piece (excluding packing)	9,63 g	
Customs tariff number	85369010	
Country of origin	CN	



1544642

https://www.phoenixcontact.com/dk/products/1544642

Technical data

Product properties

Product type	Ground terminal block		
Product family	XT		
Area of application	Railway industry		
	Machine building		
	Plant engineering		
Number of positions	1		
Number of connections	3		
Number of rows	1		
Insulation characteristics			
Overvoltage category	III		
Degree of pollution	3		

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	3	
Nominal cross section	2.5 mm ²	
Connection method	Push-X-connection	
Stripping length	10 mm 12 mm	
Internal cylindrical gage	A3	
	B3	
Connection in acc. with standard	IEC 61984	
Conductor cross-section rigid	0.5 mm² 4 mm²	
Cross section AWG	20 12 (converted acc. to IEC)	
Conductor cross-section flexible	0.75 mm² 4 mm²	
Conductor cross-section, flexible [AWG]	20 12 (converted acc. to IEC)	
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² 2.5 mm²	
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² 2.5 mm²	
Nominal cross section	2.5 mm²	

Dimensions

Width	5.2 mm
Height	60.4 mm
Depth	35.3 mm
Depth on NS 35/7,5	36.8 mm
Depth on NS 35/15	44.3 mm

Material specifications



1544642

https://www.phoenixcontact.com/dk/products/1544642

Color	green-yellow	
Flammability rating according to UL 94	V0	
Insulating material group	I	
Insulating material	PA	
Static insulating material application in cold	-60 °C	
Relative insulation material temperature index (Elec., UL 746 B)	130 °C	
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3	
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3	
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3	
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3	
Surface flammability NFPA 130 (ASTM E 162)	passed	
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed	
Smoke gas toxicity NFPA 130 (SMP 800C)	passed	

Mechanical properties

Mechanical data

Open side panel	Yes
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Environmental and real-life conditions

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2022-06	
Pulse shape	Half-sine	
Acceleration	5g	
Shock duration	30 ms	
Number of shocks per direction	3	
Test directions	X-, Y- and Z-axis (pos. and neg.)	
Result	Test passed	

Ambient conditions

Ambient temperature (operation)	-60 °C 100 °C		
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)		
Ambient temperature (assembly)	-5 °C 70 °C		
Ambient temperature (actuation)	-5 °C 70 °C		
Permissible humidity (operation)	20 % 90 %		
Permissible humidity (storage/transport)	30 % 70 %		

Standards and regulations

Connection in acc. with standard	IEC 61984
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Mounting

Mounting type	NS 35/7,5
	NS 35/15

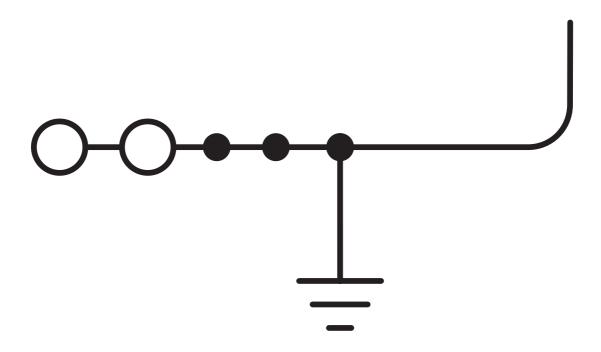


1544642

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Drawings

Circuit diagram





1544642

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Approvals

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•	CSA Approval ID: 2030668				
		Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
В					
		-	-	20 - 12	-
С					
		-	-	20 - 12	-
D					
		-	-	20 - 12	-

.912 us	cULus Recogniz Approval ID: E60425	ed			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
В					
		-	-	20 - 12	-
С					
		-	-	20 - 12	-
F					
		-	-	20 - 12	-
D					
		-	-	20 - 12	-

DNVApproval ID: TAE000051K



1544642

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Classifications

ECLASS

	ECLASS-13.0	27250103			
	ECLASS-15.0	27250103			
ETIM					
	ETIM 9.0	EC000901			
UNSPSC					
	UNSPSC 21.0	39121400			



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions				
China RoHS					
Environment friendly use period (EFUP)	EFUP-E				
	No hazardous substances above the limits				
EU REACH SVHC					
REACH candidate substance (CAS No.)	No substance above 0.1 wt%				

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