

1088774

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Protective conductor double-level terminal block, number of connections: 4, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: green/yellow

Your advantages

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- · Clear wiring, thanks to lateral conductor entry
- · In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The offset levels of the double-level terminal blocks allow unhindered access to the lower connection level and its actuating push buttons, even when fully wired.
- · Tested for railway applications

Commercial data

Item number	1088774
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE23
Product key	BE2324
GTIN	4055626891422
Weight per piece (including packing)	21.22 g
Weight per piece (excluding packing)	21.22 g
Customs tariff number	85369010
Country of origin	CN



1088774

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Technical data

Product properties

Area of application Railway industry Machine building Plant engineering Process industry Number of connections 4 Number of rows 2 Potentials 2 Data management status Article revision 03 Insulation characteristics Overvoltage category Ill Degree of pollution 3 Electrical properties Rated surge voltage Maximum power dissipation for nominal condition 1,02 W Connection data Number of connections per level Nominal cross section 1st and 2nd level Stripping length 9 mm 11 mm Internal cylindrical gage Connection in acc. with standard Cross section flexible Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section flexible (ferrule with plastic sleeve) 1st and 2nd level Conductor cross-section flexible (ferrule with plastic sleeve) Nominal cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1st and 2nd level Connection cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1st and 2nd level Connection cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1st and 2nd level Connection cross section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1fexible conductor cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1fexible conductor cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1fexible conductor cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1fexible conductor cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1fexible conductor cross-section flexible (ferrule with plastic sleeve) 1.5 mm² 4 mm² 1 mm² 4 mm²	Product type	Ground terminal block
Plant engineering Process industry Number of connections A 4 Number of rows 2 Potentials 2 Data management status Article revision 03 Insulation characteristics Overvoltage category Begree of pollution 3 Electrical properties Rated surge voltage Maximum power dissipation for nominal condition 1,02 W Connection data Number of connections per level Nominal cross section 1st and 2nd level Stripping length Internal cylindrical gage Ad Connection in acc. with standard Conductor cross section figid Conductor cross section flexible Conductor cross section flexible Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section rigid Conductor cross section rigid Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section rigid Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section rigid Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section flexible (ferrule without plastic sleeve) Nomin	Area of application	Railway industry
Number of connections 4 Number of rows 2 Potentials 2 Data management status Article revision 03 Insulation characteristics Overvoltage category III Degree of pollution 3 Electrical properties Rated surge voltage 8 kW Maximum power dissipation for nominal condition 1.02 W Connection data Number of connections per level 2 Nominal cross section Stripping length 9 mm 11 mm Internal cylindrical gage A4 Connection in acc. with standard 1EC 60947-7-2 Connection in acc. with standard 1EC 60947-7-2 Conductor cross section fixible 0.2 mm² 6 mm² Cross section AWG 24 10 (converted acc. to IEC) Conductor cross section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm² 1st and 2nd level Connection fixible (ferrule without plastic sleeve) 1.5 mm² 4 mm² 1st and 2nd level 0.2 mm² 4 mm² 1st and 2nd level 0.2 mm² 6 mm² Cross section RWG 24 10 (converted acc. to IEC) Conductor cross section flexible (ferrule without plastic sleeve) 0.2 mm² 4 mm² 1st and 2nd level Connection cross section figid 0.76 mm² 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 6 mm		Machine building
Number of connections Number of rows Potentials Data management status Article revision O3 Insulation characteristics Overvoltage category Degree of pollution 3 Electrical properties Rated surge voltage Maximum power dissipation for nominal condition 1.02 W Connection data Number of connections per level Nominal cross section 4 mm² 1st and 2nd level Stripping length Poence on with standard Connection in acc. with standard Conductor cross section flexible (Arrule without plastic sleeve) Conductor cross section (ferrule without plastic sleeve) Nominal cross section flexible conductor cross section (ferrule without plastic sleeve) Nominal cross section flexible Conductor cross section flexible (Terrule without plastic sleeve) Nominal cross section flexible Conductor cross section flexible (Terrule without plastic sleeve) Nominal cross section flexible (Terrule without plastic sle		Plant engineering
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Electrical properties Rated surge voltage Maximum power dissipation for nominal condition 1.02 W Connection data Number of connections per level Nominal cross section 1st and 2nd level Stripping length Internal cylindrical gage A4 Connection in acc. with standard Conductor cross section rigid Conductor cross section flexible Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section rigid 0.2 mm² 6 mm² Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section rigid 0.75 mm² 6 mm² Conductor cross section flexible (ferrule without plastic sleeve) Nominal cross section rigid 0.75 mm² 6 mm² Conductor cross section flexible (ferrule without plastic sleeve) 1.5 mm² 6 mm² Conductor cross section flexible (ferrule without plastic sleeve) 1.5 mm² 6 mm² Conductor cross section flexible (ferrule without plastic sleeve) 1.5 mm² 6 mm² Conductor cross section rigid Conductor cross section rigid Conductor cross section rigid 1.5 mm² 6 mm² Conductor cross section rigid Conductor cross section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²		
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Number of connections per level Nominal cross section 4 mm² 1st and 2nd level Stripping length Internal cylindrical gage Connection in acc. with standard Conductor cross section rigid Cross section AWG Conductor cross section flexible Conductor cross section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Nominal cross section 1st and 2nd level Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1st and 2nd level Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 6 mm²	Connection data	
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Conductor cross section rigid Cross section AWG Conductor cross section flexible Conductor cross section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Flexible conductor cross section (ferrule with plastic sleeve) Nominal cross section 1st and 2nd level Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 0.2 mm² 4 mm² 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Internal cylindrical gage	A4
Cross section AWG Conductor cross section flexible Conductor cross section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Flexible conductor cross section (ferrule with plastic sleeve) Nominal cross section 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Connection in acc. with standard	IEC 60947-7-2
Conductor cross section, flexible [AWG] 24 10 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.2 mm² 4 mm² Flexible conductor cross section (ferrule with plastic sleeve) 0.2 mm² 4 mm² Nominal cross section 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross section rigid 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Conductor cross section rigid	0.2 mm² 6 mm²
Conductor cross section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Flexible conductor cross section (ferrule with plastic sleeve) Nominal cross section 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross section rigid 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Cross section AWG	24 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) Flexible conductor cross section (ferrule with plastic sleeve) Nominal cross section 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross section rigid 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Conductor cross section flexible	0.2 mm² 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.2 mm² 4 mm² Nominal cross section 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross section rigid 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Conductor cross section, flexible [AWG]	24 10 (converted acc. to IEC)
Nominal cross section 4 mm² 1st and 2nd level Connection cross sections directly pluggable Conductor cross section rigid 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Conductor cross-section flexible (ferrule without plastic sleeve)	0.2 mm² 4 mm²
1st and 2nd level Connection cross sections directly pluggable Conductor cross section rigid Conductor cross-section flexible (ferrule without plastic sleeve) 0.75 mm² 6 mm² 1.5 mm² 4 mm²	Flexible conductor cross section (ferrule with plastic sleeve)	0.2 mm² 4 mm²
Conductor cross section rigid 0.75 mm² 6 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	Nominal cross section	4 mm²
Conductor cross-section flexible (ferrule without plastic sleeve) 1.5 mm² 4 mm²	1st and 2nd level Connection cross sections directly pluggable	
	Conductor cross section rigid	0.75 mm² 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 1.5 mm² 4 mm²	Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm² 4 mm²
	Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm² 4 mm²

Dimensions



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Width	6.2 mm
End cover width	2.2 mm
Height	99.5 mm
Depth	56 mm
Depth on NS 35/7,5	57.5 mm
Depth on NS 35/15	65.5 mm

Material specifications

Color	green-yellow	
Flammability rating according to UL 94	V0	
Insulating material group	1	
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	Vac
Open side parier	163

Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Service life test category 2, bogie-mounted
Frequency	f ₁ = 5 Hz to f ₂ = 250 Hz
ASD level	6.12 (m/s²)²/Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed



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Ambient conditions

Ambient temperature (operation)	-60 °C 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
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 60947-7-2

Mounting

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

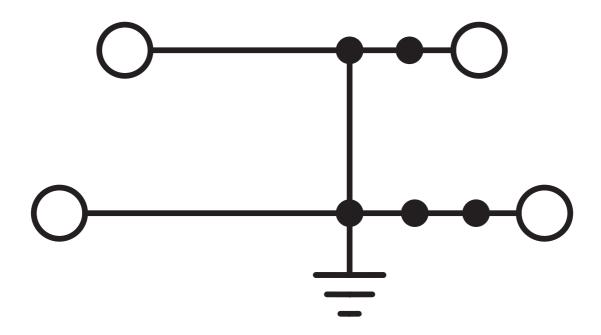


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Drawings







1088774

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1088774

CSA Approval ID: 158887				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B				
	-	-	26 - 10	-
Use group C				
	-	-	26 - 10	-
Use group D				
	-	-	26 - 10	-

cULus Recogniz Approval ID: E60425	zed			
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B				
	-	-	26 - 10	-
Use group C				
	-	-	26 - 10	-
Use group F				
	-	-	26 - 10	-

CB scheme	IECEE CB Scheme Approval ID: DE1-67153					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²	
		-	-	-	0.2 - 6	



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Classifications

ECLASS

	ECLASS-11.0	27141120		
	ECLASS-13.0	27250104		
ETIM				
LTIM				
	ETIM 9.0	EC000901		
UNSPSC				
	UNSPSC 21.0	39121400		



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Environmental product compliance

EU RoHS

20 1.01.0	
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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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com