1402788

https://www.phoenixcontact.com/us/products/1402788

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Mini ground terminal block, number of connections: 2, connection method: Screw connection, 1 level, cross section: $0.2 \text{ mm}^2 - 2.5 \text{ mm}^2$, mounting type: NS 15, color: green-yellow

Your advantages

- If the mini ground terminal blocks are at the end of a terminal strip, an end bracket, e.g., E/MK, should be used
- · The green-yellow housing clearly indicates the protective conductor function of the terminal block
- The mini ground terminal blocks are electrically connected to the DIN rail via their foot elements, which means that the DIN rail can be used as a grounding busbar
- These miniature ground terminals were designed specifically for the 15 mm DIN rail (NS 15) in accordance with EN 60715

Commercial data

Item number	1402788
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1261
Catalog page	Page 518 (CL1-2011)
GTIN	4017918020897
Weight per piece (including packing)	5.42 g
Weight per piece (excluding packing)	5.21 g
Customs tariff number	85369010
Country of origin	PL

HŒR

1402788

https://www.phoenixcontact.com/us/products/1402788

Technical data

Product properties	
Product type	Miniature terminal block
Number of connections	2
Number of rows	1
Insulation characteristics	
Overvoltage category	III
Degree of pollution	3
Electrical properties	
Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W
Connection data	
Grounding foot	Yes
Number of connections per level	2
Nominal cross section	2.5 mm ²
1 level	
Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.6 0.8 Nm
Stripping length	7 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm ² 2.5 mm ²
Cross section AWG	24 14 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² 2.5 mm ²
Conductor cross section, flexible [AWG]	24 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 1.5 mm²
Dimensions	
Width	5.2 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
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C

PHŒNIX CONTACT



1402788

https://www.phoenixcontact.com/us/products/1402788

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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

No
-60 °C 105 °C (max. short-term operating temperature RTI Elec.)
-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
-5 °C 70 °C
-5 °C 70 °C
30 % 70 %
IEC 60947-7-2
NS 15

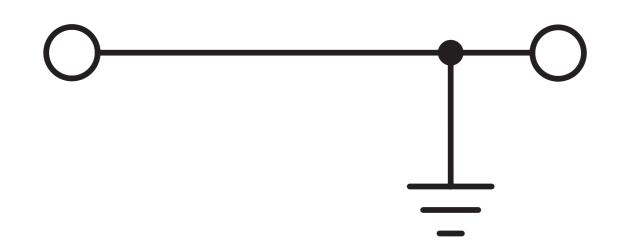
1402788

https://www.phoenixcontact.com/us/products/1402788



Drawings

Circuit diagram





https://www.phoenixcontact.com/us/products/1402788



Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1402788

()	CSA Approval ID: 13631				
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		-	-	28 - 12	-



EAC Approval ID: RU C-DE.BL08.B.00534

Approval ID: E60425				
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B				
	-	-	30 - 12	-
Use group C				
	-	-	30 - 12	-

1402788

https://www.phoenixcontact.com/us/products/1402788



Classifications

ECLASS

	ECLASS-11.0	27141141		
	ECLASS-13.0	27250103		
ΕT	ETIM			
	ETIM 8.0	EC000901		
UNSPSC				
	UNSPSC 21.0	39121400		

1402788

https://www.phoenixcontact.com/us/products/1402788

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%		

Phoenix Contact 2024 © - all rights reserved https://www.phoenixcontact.com

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