## Data Sheet | Item Number: 2007-8811

2-conductor disconnect/test terminal block; e.g., voltage transformer circuits; with touch-proof test sockets; for 4 mm Ø test plugs; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm<sup>2</sup>; Push-in CAGE CLAMP<sup>®</sup>; 6,00 mm<sup>2</sup>; gray



https://www.wago.com/2007-8811





Color: gray



Voltage transformer terminal block, 2007 Series, gray

Easy electrical installations are guaranteed with this voltage transformer terminal block (item number 2007-8811). Ensure that the strip lengths are between 13 mm and 15 mm when connecting conductors to this voltage transformer terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this connector delivers reliable performance. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Depending on the conductor type, this voltage transformer terminal block is designed for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>. It features one level and two clamping points that you can use to connect two potentials. The gray housing is made of polyamide (PA66) for insulation. These function terminal blocks are mounted using DIN-35 rails.

Electrical data							
Ratings per	IEC	/EN 60664	-1	Approvals per		UL 1059	
Overvoltage category	III	III	Ш	Use group	В	С	D
Pollution degree	3	2	2	Rated voltage	300 V	300 V	300 V
Nominal voltage	500 V	-	-	Rated current	30 A	30 A	10 A
Rated surge voltage	6 kV	-	-				
Rated current	30 A	-	-				

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Approvals per	CSA 22.2 No 158		
Use group	В	С	D
Rated voltage	300 V	300 V	300 V
Rated current	30 A	30 A	10 A



	<b>N/</b> Ago
Power Loss	
Power loss, per pole (potential)	0.702 W
Rated current ${\rm I}_{\rm N}$ for specified power loss	30 A
Resistance value for specified, current- dependent power loss	0.00078 Ω

Connection data			
Clamping units	2	Connection 1	
Total number of potentials	2	Connection technology	Push-in CAGE CLAMP®
Number of levels	1	Actuation type	Operating tool
Number of jumper slots	2	Connectable conductor materials	Copper
		Nominal cross-section	6 mm² / 10 AWG
		Solid conductor	0.5 10 mm² / 20 8 AWG
		Solid conductor; push-in termination	1 10 mm² / 14 8 AWG
	Fine-stranded conductor	0.5 10 mm² / 20 8 AWG	
		Fine-stranded conductor; with insulated ferrule	0.5 6 mm² / 20 10 AWG
		Fine-stranded conductor; with uninsula- ted ferrule	1.5 6 mm² / 16 10 AWG
		Fine-stranded conductor; with ferrule; push-in termination	2.5 6 mm² / 16 10 AWG
		Strip length	13 15 mm / 0.51 0.59 inches
		Wiring direction	Front-entry wiring

Physical data	
Width	8 mm / 0.315 inches
Height	99.6 mm / 3.921 inches
Depth from upper-edge of DIN-rail	65.3 mm / 2.571 inches

Mechanical data	
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data	
Note (material data)	
	Information on material specifications can be found here
Color	gray
Material group	1
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	Vo
Fire load	0.425 MJ
Weight	27.9 g
Test socket color	orange

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Environmental requirements				
Processing temperature	-35 +85 ℃	85 °C Environmental Testing (Environmental Condition		
Continuous operating temperature	-60 +105 ℃	Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	
		Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04	
		Spectrum/Installation location	Service life test, Category 1, Class A/B	
		Function test with noise-like vibration	Test passed according to Section 8 of the standard	
		Frequency	$f_1 = 5 Hz \text{ to } f_2 = 150 Hz$ $f_1 = 5 Hz \text{ to } f_2 = 150 Hz$	
		Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)	
		Test duration per axis	10 min. 5 h	
		Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes	
		Monitoring for contact faults/interrupti- ons	Passed	
		Voltage drop measurement before and after each axis	Passed	
		Simulated service life test through incre- ased levels of noise-like vibration	Test passed according to Section 9 of the standard	
		Extended test scope: Monitoring for con- tact faults/interruptions	Passed Passed	
		Extended test scope: Voltage drop mea- surement before and after each axis	Passed Passed	
		Shock test	Test passed according to Section 10 of the standard	
		Shock form	Halfsine	
		Shock duration	30 ms	
		Number of shocks per axis	3 pos. und 3 neg.	
		Vibration and shock stress for rolling stock equipment	Passed	

Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143074797
Customs tariff number	85365080000