Data Sheet | Item Number: 2202-1304

3-conductor through terminal block; with push-button; 2.5 mm²; with test port; suitable for Ex i applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP[®]; 2,50 mm²; blue



https://www.wago.com/2202-1304





Color: 📕 blue





Similar to illustration

Through terminal block, 2202 Series, blue

This through terminal block (item number 2202-1304) is designed to connect conductors quickly and easily. Whether in industrial or building applications, our rail-mount through terminal blocks are the perfect solution to quickly and securely connect electrical conductors. Depending on the model, you can use them for either typical through-wiring or potential distribution. Rated current and voltage are important parameters when choosing a through rail-mount terminal block, as they indicate how the product can be used. This product has a rated voltage of 800 V and a rated current of 24 A. Strip lengths must be between 10 mm and 12 mm when connecting conductors to this through terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this connector delivers reliable performance. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be plugged in without needing to use any tools—all thanks to its pluggable design. Dimensions: 5.2 x 59.2 x 39.5 mm (width x height x depth). Depending on the conductor type, this through terminal block is suitable for conductor cross sections ranging from 0.25 mm² to 4 mm². It features one level and three clamping points that you can use to connect a single potential. The blue housing is made of polyamide (PA66) for insulation. This through rail-mount terminal block is operated with a push-button. Our TOPJOB® S railmount terminal blocks are perfect for many different industrial applications and modern building installations as they provide secure electrical connections. You can work anywhere in the world and on any application with just a single rail-mount terminal block system. These through rail-mount terminal blocks are mounted using DIN-35 rails.. The front-entry wiring makes it possible to connect copper conductors. The two jumper slots enable potential distribution to other clamping points. This product is designed for specific Ex applications (please re

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Ele	ctrid	cal c	lata

Ratings per	IEC/EN 60947-7-1		
Overvoltage category	Ш	Ш	Ш
Pollution degree	3	2	2
Nominal voltage	800 V	-	-
Rated surge voltage	8 kV	-	-
Rated current	24 A	-	-
Current at conductor cross-section (max.) mm ²	32 A	-	-

Approvals per		UL 1059	
Use group	В	С	D
Rated voltage	600 V	600 V	-
Rated current	20 A	20 A	-

Approvals per	CSA 22.2 No 158		
Use group	В	С	D
Rated voltage	600 V	600 V	-
Rated current	20 A	20 A	-

Ex information	
Reference hazardous areas	See "Downloads – Documentation – Ad- ditional Information: Technical Section; Technical Explications"
Ratings per	ATEX: PTB 18 ATEX 1005 U / IECEx: PTB 18.0012U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	22 A
Rated current (Ex e II) with jumper	20 A

Power Loss	
Power loss, per pole (potential)	0.7661 W
Rated current I_{N} for specified power loss	24 A
Resistance value for specified, current- dependent power loss	0.00133 Ω

n data	
mping units	3
al number of potentials	1
per of levels	1
Number of jumper slots	2

Note (conductor cross-section)

Strip length

Wiring direction

Depending on the conductor characteri-

stic, a conductor with a smaller crosssection can also be inserted via push-in

 $10\ldots 12$ mm / 0.39 $\ldots 0.47$ inches

termination.

Front-entry wiring

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Physical data	
Width	5.2 mm / 0.205 inches
Height	59.2 mm / 2.33 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches
Depth	39.5 mm / 1.555 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	blue
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Fire load	0.155 MJ
Actuator color	orange
Weight	6.4 g

Environmental requirements			
Processing temperature	-35 +85 ℃	Environmental Testing (Environmental Conditions)	
Continuous operating temperature -60 +10	-60 +105 °C	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	Half sine
		Shock duration	30 ms