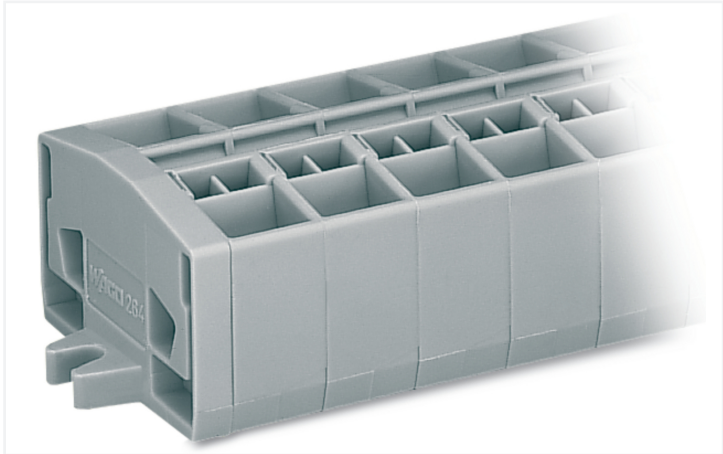


Data Sheet | Item Number: 264-253

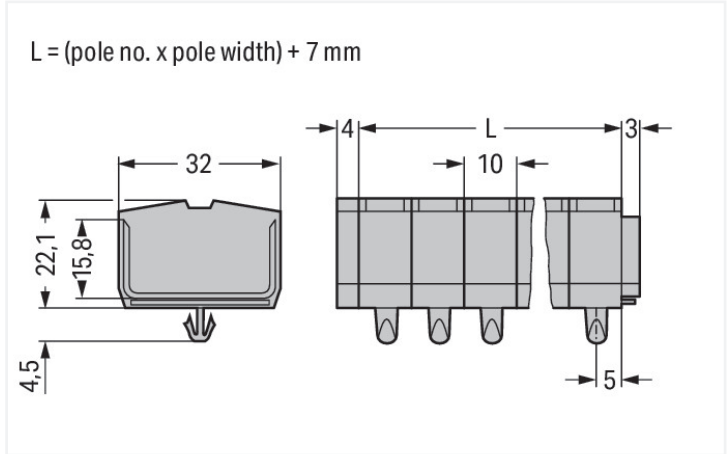
4-conductor terminal strip; without push-buttons; with snap-in mounting feet; 3-pole; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm²; CAGE CLAMP®; gray

<https://www.wago.com/264-253>



Color: ■ gray

Similar to illustration



Dimensions in mm

Through terminal block, 264 Series, gray

This through terminal block (item number 264-253) is designed for simple and secure connections. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this through terminal block. Our mini rail-mount terminal blocks are the perfect choice for working in confined spaces. A large selection of mounting and actuation variants means you can find a suitable mini terminal block for every purpose. This also means you can adapt the terminal blocks to your unique requirements. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection provides a proven and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. The item's dimensions are (37 x 32 x 26.6) mm (width x height x depth). Depending on the type of conductor, this through terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 2.5 mm².

An operating tool is used to operate this mini rail-mount terminal block.

Electrical data				
Ratings per IEC/EN		Approvals per		
Nominal voltage (III/3)	800 V	UL 1059		
Rated impulse withstand voltage (III / 3)	8 kV	Use group	B	C
Rated current	24 A	Rated voltage	600 V	600 V
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3	Rated current	20 A	20 A
			-	-
Approvals per		General information		
CSA 22.2 No 158		Wiring direction		
Use group	B	Front-entry wiring		
Rated voltage	-			
Rated current	-			



Connection Data			
Clamping units	12	Connection 1	
Total number of potentials	3		
Number of levels	1		
		Connection technology	CAGE CLAMP®
		Actuation type	Operating tool
		Connectable conductor materials	Copper
		Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
		Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
		Note (conductor cross-section)	12 AWG: THHN, THWN
		Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
		Pole number	3

Physical data		
Width	37 mm / 1.457 inches	
Height	32 mm / 1.26 inches	
Height from the surface	22.1 mm / 0.87 inches	
Depth	26.6 mm / 1.047 inches	
Module width	10 mm / 0.394 inches	

Mechanical data		
Design	horizontal type	
Mounting type	Snap-in foot	
Marking level	Center marking	

Material data		
Note (material data)	Information on material specifications can be found here	
Color	gray	
Material group	I	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	0.359 MJ	
Halogen-free	Yes	
Weight	21.1 g	

Environmental requirements		
Processing temperature	-35 ... +85 °C	
Continuous operating temperature	-60 ... +105 °C	

Commercial data		
Product Group	9 (Std Chassis Mt Blocks)	
PU (SPU)	100 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4044918416016	
Customs tariff number	85369010000	



Product Classification		
UNSPSC		39121409
eCl@ss 10.0		27-14-11-06
eCl@ss 9.0		27-14-11-06
ETIM 9.0		EC001284
ETIM 10.0		EC001284
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates											
General approvals		Declarations of conformity and manufacturer's declarations									
											
Approval	Standard	Certificate Name									
CB DEKRA Certification B.V.	EN 60998	NL-49768									
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7342									
CCA DEKRA Certification B.V.	EN 60998	2175624.01									
CSA DEKRA Certification B.V.	C22.2	70010891									
UR Underwriters Laboratories Inc.	UL 1059	E45172									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-									

Approvals for marine applications		
		
Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	24-0095979-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
LR Lloyds Register	IEC 60998	LR22173030TA
PRS Polski Rejestr Statków	-	TE/1094/880590/23



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 264-253

Download icon

Documentation			
Bid Text			
264-253	19.02.2019	xml 3.21 KB	Download icon
264-253	14.06.2017	doc 25.00 KB	Download icon

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 264-253	EPLAN Data Portal 264-253
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	WSCAD Universe 264-253
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	ZUKEN Portal 264-253
	Download icon

1 Compatible Products

1.1 Optional Accessories

1.1.1 DIN-rail

1.1.1.1 Mounting accessories



Item No.: 210-154
Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

1.1.2 Ferrule			
1.1.2.1 Ferrule			
Item No.: 216-131 Ferrule; Sleeve for 0.25 mm² / AWG 24; un-insulated; electro-tin plated; silver-colored	Item No.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white	Item No.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored	Item No.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray
Item No.: 216-102 Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; silver-colored	Item No.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	Item No.: 216-103 Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated	Item No.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



1.1.2.1 Ferrule



Item No.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; unin-
sulated; electro-tin plated; silver-colored

Item No.: 216-205
Ferrule; Sleeve for 2.08 mm² / AWG 14; in-
sulated; electro-tin plated; yellow

Item No.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insu-
lated; electro-tin plated; blue

1.1.3 Installation

1.1.3.1 Cover



Item No.: 709-153
Cover; Type 1; suitable for cover carrier, type
1; 1 m long; transparent

1.1.3.2 Cover carrier



Item No.: 709-167
Cover carrier; Type 1; incl. fixing/retaining
screws and knurled nut; suitable for 279 to
282 and 880 Series rail-mounted terminal
blocks; suitable for 264 Series miniature rail-
mounted terminal blocks; suitable for 270
Series sensor and actuator terminal blocks;
gray

1.1.4 Jumper

1.1.4.1 Jumper



Item No.: 280-492
Jumper; 2-way; insulated; gray

Item No.: 264-402
Jumper; for conductor entry; 2-way; insulat-
ed; gray

1.1.5 Marking

1.1.5.1 Marker



Item No.: 2009-145/000-006
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; blue

Item No.: 2009-145/000-007
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; gray

Item No.: 2009-145/000-023
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; green

Item No.: 2009-145/000-012
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; orange



Item No.: 2009-145/000-005
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; red

Item No.: 2009-145/000-024
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; violet

Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; white

Item No.: 2009-145/000-002
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm; plain;
snap-on type; yellow



Item No.: 248-501/000-006
Mini-WSB marking card; as card; not stretch-
able; plain; snap-on type; blue

Item No.: 248-501/000-007
Mini-WSB marking card; as card; not
stretchable; plain; snap-on type; gray

Item No.: 248-501/000-023
Mini-WSB marking card; as card; not
stretchable; plain; snap-on type; green

Item No.: 248-501/000-017
Mini-WSB marking card; as card; not stretch-
able; plain; snap-on type; light green

1.1.5.1 Marker



Item No.: 248-501/000-012
Mini-WSB marking card; as card; not stretch-able; plain; snap-on type; orange



Item No.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



Item No.: 248-501
Mini-WSB marking card; as card; not stretch-able; plain; snap-on type; white



Item No.: 248-501/000-002
Mini-WSB marking card; as card; not stretch-able; plain; snap-on type; yellow

1.1.6 Test and measurement

1.1.6.1 Testing accessories



Item No.: 249-139
Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray



Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

1.1.7 Tool

1.1.7.1 Operating tool



Item No.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multi-coloured



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multi-coloured



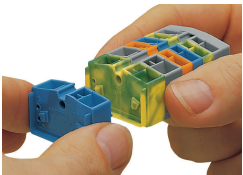
Item No.: 209-130
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural



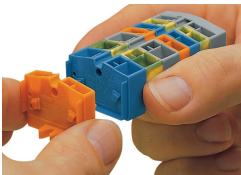
Item No.: 280-432
Operating tool; made of insulating material; 2-way; white

Installation Notes

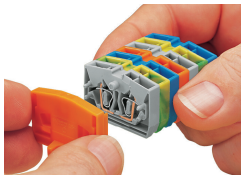
Installation



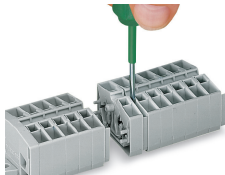
Assembling modular terminal blocks into terminal strips.



Mounting an "end terminal block" with mounting flange.



Mounting an end plate.



Removing a terminal block.

Conductor termination

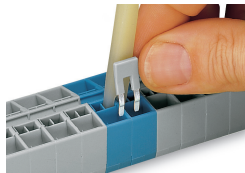


CAGE CLAMP® connection

Inserting a conductor.

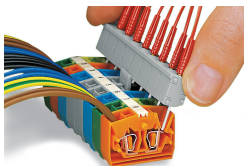
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning

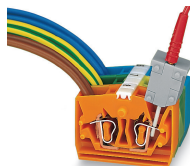


Commoning with comb-style jumper bar.

Testing



Testing by touch contact to the CAGE CLAMP® spring (limited to 0.5 A and 48 V test voltage) – test pins are not protected against accidental contact.

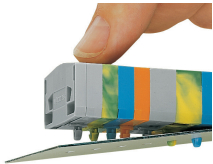


Testing via CAGE CLAMP® on the current bar (max. nominal current: 6 A). CAGE CLAMP® clamps individual test contacts. The maximum test voltage is 400 V.

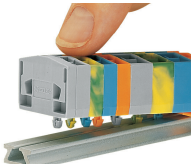


Terminal strip with mounting flanges, consisting of:

- End plate
- 4-conductor terminal block with snap-in mounting foot¹⁾
- Center terminal blocks
- 2-conductor terminal block with snap-in mounting foot¹⁾ at every 4th or 5th terminal block of the strip



Mounting a terminal strip with snap-in feet into holes.



Mounting a terminal strip with snap-in feet onto aluminum rail.

Marking



Marking via Mini-WSB Quick Marking System.