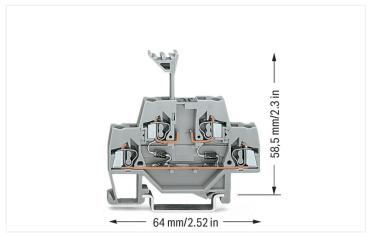
Component terminal block; double-deck; with 2 diodes 1N4007; Bottom anode; for DIN roll 25 v. 15 and 25 v. 7 5 2 5 pers²: CACE OL AND® reverse

DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; gray

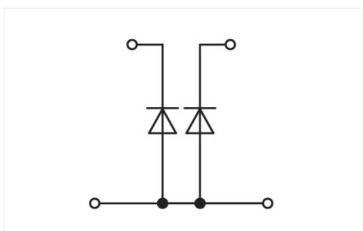
https://www.wago.com/280-942/281-487







Color: ■ gray



Double-deck terminal block, 280 Series, operating tool

This double-deck terminal block (item number 280-942/281-487) simplifies electrical installations. The double-deck terminal block also functions as component terminal block with diode. Conductors can only be connected to this double-deck terminal block if their strip length is between 8 mm and 9 mm. This product features conductor terminals and utilizes CAGE CLAMP®. Our trusted universal connection known as CAGE CLAMP® is the industry standard for connection technology and electrical interconnections. This double-deck terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 2.5 mm². It has two levels. You can connect two potentials using the four clamping points. 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	C/EN 60947-	7-1
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	-
Rated surge voltage	-	-	-
Rated current	-	-	-

General information		
Nominal voltage	250 V	
Reverse voltage	1000 V	

https://www.wago.com/280-942/281-487



Connection data		
Clamping units	4	
Total number of potentials	2	
Number of levels	2	

Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Connectable conductor materials (note)	Terminating Aluminum Conductors WAGO Spring-Clamp Terminal Blocks are

WAGO Spring-Clamp Terminal Blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste 249-130 is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, aluminum conductors must first be cleaned with a blade and then immediately inserted into the clamping units filled with "Alu-Plus" contact paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:: 2.5 mm² = 16 A 4 mm² = 22 A

Wiring direction Front-entry wiring

Physical data	
Width	5 mm / 0.197 inches
Height	64 mm / 2.52 inches
Depth from upper-edge of DIN-rail	58.5 mm / 2.303 inches

Mechanical data	
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center marking

Data Sheet | Item Number: 280-942/281-487 https://www.wago.com/280-942/281-487



Material data	
Note (material data)	
	<u>Information on material specifications can be found here</u>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.262 MJ
Weight	10.3 g

Environmental requirements	
Processing temperature	-35 +85 °C

-60 ... +105 °C Continuous operating temperature

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454196776
Customs tariff number	85369010000

Product classification	
UNSPSC	39121410
eCl@ss 10.0	27-14-11-27
eCl@ss 9.0	27-14-11-27
ETIM 9.0	EC000903
ETIM 8.0	EC000903
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	7(a) 7(c)-l 7(c)-ll
SCIP notification number (Austria)	2e06afc6-1a5b-41a4-94db-922a13842577
SCIP notification number (Belgium)	034255c6-2d42-46b6-b614-0bbff779bf04
SCIP notification number (Bulgaria)	69e59ed1-ddc0-4c50-88a8-c6df07c58581
SCIP notification number (Czech Republic)	814b4ad8-d7db-43ca-a47a-744adc315b5e
SCIP notification number (Denmark)	44def4d3-e563-48cd-9f3e-383a371b09c7
SCIP notification number (Finland)	3acb43bb-7e2d-438b-a3e1-6ca7f5857877
SCIP notification number (France)	d94820fb-c591-4073-8e74-035fd02f7533
SCIP notification number (Germany)	127c9f77-eb32-4045-be4d-b9dc98560be2
SCIP notification number (Hungary)	434e8b2c-6c62-4fec-9850-8d1736af406e
SCIP notification number (Italy)	87c1b80a-5c86-4546-b7c2-2cab159db94f
SCIP notification number (Netherlands)	6e02dca6-e256-4b9f-8d2e-18745a8f1518
SCIP notification number (Poland)	591a2d89-aa60-4900-893a-78b6c28795fd
SCIP notification number (Romania)	1ae15365-d091-4d36-bf3c-1214a09289f2
SCIP notification number (Sweden)	2e2f86d4-46e2-435a-b23b-2e9c596728ef

https://www.wago.com/280-942/281-487



Approvals / Certificates

General approvals

DEKRA Certification B.V.



Approval	Standard	Certificate Name
KEMA/KEUR	FN 60947	71-154769

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
ABS	EN 60947	20-HG1941090-PDA
American Bureau of Shin-		

Downloads

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Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 280-942/281-487	\perp

Documentation			
Bid Text			
280-942/281-487	19.02.2019	xml 3.23 KB	$\underline{\downarrow}$
280-942/281-487	27.04.2017	doc 24.50 KB	\downarrow

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-942/281-487	EPLAN Data Portal 280-942/281-487
	WSCAD Universe 280-942/281-487
	ZUKEN Portal 280-942/281-487



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 280-340

End and intermediate plate; 2.5 mm thick; grav



Item No.: 280-341

End and intermediate plate; 2.5 mm thick; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



Item No.: 210-196

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715: silver-colored



Item No.: 210-198

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



Item No.: 210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

Item No.: 210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-506

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715: silver-colored

Item No.: 210-115

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



Item No.: 210-112

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

Item No.: 210-504

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

Item No.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-505

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

1.2.2 Female connector

1.2.2.1 Female connector/socket



Female connector for rail-mount terminal

ver; Pin spacing 5 mm; 10-pole; light gray

Item No.: 722-240/005-000/039-000

blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking le-

Item No.: 722-242/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 12-pole; light gray



Item No.: 722-244/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 14-pole; light gray



Item No.: 722-246/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 16-pole; light gray



Item No.: 722-232/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 2-pole; light gray



Female connector for rail-mount terminal

protected against mismating; Locking le-

ver; Pin spacing 5 mm; 3-pole; light gray

Item No.: 722-233/005-000/039-000

blocks; 0.6 x 1 mm pins; angled; 100%

Item No.: 722-234/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 4-pole; light gray



Item No.: 722-235/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 5-pole; light gray



Item No.: 722-236/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 6-pole; light gray

110

Item No.: 722-237/005-000/039-000
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 7-pole; light gray

41

Item No.: 722-239/005-000/039-000
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 9-pole; light gray

Item No.: 722-240/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 10-pole; light gray

W/AGO

1.2.2.1 Female connector/socket



Item No.: 722-241/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 11-pole; light gray



Item No.: 722-242/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 12-pole; light gray



Item No.: 722-243/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 13-pole; light gray



Item No.: 722-244/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 14-pole; light gray



Item No.: 722-246/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 16-pole; light gray



Item No.: 722-250/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 20-pole; light gray



Item No.: 722-232/005-000
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 2-pole; light gray



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 3-pole; light gray



Item No.: 722-234/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 4-pole; light gray



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 5-pole; light gray

Item No.: 722-236/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 6-pole; light gray

Item No.: 722-237/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 7-pole; light gray



Item No.: 722-238/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 8-pole; light gray

Item No.: 722-239/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismating; Pin spacing 5 mm; 9-pole; light gray

Item No.: 232-240/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 10-pole; gray

Item No.: 232-242/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 12-pole; gray



Item No.: 232-246/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 16-pole; gray

Item No.: 232-250/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 20-pole; gray

Item No.: 232-232/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 2-pole; gray

Item No.: 232-233/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 3-pole; gray



Item No.: 232-234/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 4-pole; gray Item No.: 232-235/005-000/039-000
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 5-pole; gray

Item No.: 232-236/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Locking lever; Pin spacing 5 mm; 6-pole; gray

Item No.: 232-240/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 10-pole; gray



Item No.: 232-242/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 12-pole; gray

Item No.: 232-246/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 16-pole; gray

Item No.: 232-250/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 20-pole; gray

Item No.: 232-232/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 2-pole; gray



Item No.: 232-233/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 3-pole; gray



Version 10.05.2025

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 4-pole; gray

TIP

Item No.: 232-235/005-000 Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 5-pole; gray

Item No.: 232-236/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 6-pole; gray



Item No.: 232-237/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 7-pole; gray



Item No.: 232-234/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 8-pole; gray

Item No.: 232-239/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; Pin spacing 5 mm; 9-pole; gray

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<u>Item No.: 722-140/005-000/039-000</u>

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 10-pole; light gray



lately

Item No.: 722-144/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 14-pole; light gray

Item No.: 722-146/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 16-pole; light gray

Item No.: 722-150/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 20-pole; light gray

Item No.: 722-132/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 2-pole; light gray

1.2.2.1 Female connector/socket



Item No.: 722-133/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 3-pole; light gray



Item No.: 722-134/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 4-pole; light gray



Item No.: 722-135/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 5-pole; light gray



Item No.: 722-136/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 6-pole; light gray



Item No.: 722-137/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 7-pole; light gray



Item No.: 722-138/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 8-pole; light gray



Item No.: 722-139/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 9-pole; light gray



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 10-pole; light gray



Item No.: 722-141/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 11-pole; light gray



Item No.: 722-142/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 12-pole; light gray



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 13-pole; light gray

Item No.: 722-144/005-000

Item No.: 722-140/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 14-pole; light gray



Item No.: 722-145/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 15-pole; light gray

Item No.: 722-146/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 16-pole; light gray

Item No.: 722-150/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 20-pole; light gray

Item No.: 722-132/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 2-pole; light gray



Item No.: 722-133/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 3-pole; light gray



Female connector for rail-mount terminal

protected against mismating; Pin spacing

blocks; 0.6 x 1 mm pins; straight; 100%

Item No.: 722-135/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 5-pole; light gray

Item No.: 722-136/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 6-pole; light gray



Item No.: 722-137/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 7-pole; light gray

5 mm; 4-pole; light gray

Item No.: 722-134/005-000

Item No.: 722-138/005-000 Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing

Item No.: 722-139/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 9-pole; light gray

Item No.: 232-140/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 10-pole; gray



Item No.: 232-142/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 12-pole; gray

5 mm; 8-pole; light gray

Item No.: 232-150/005-000/039-000 Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 20-pole; gray

Item No.: 232-132/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking



Female connector for rail-mount terminal



Female connector for rail-mount terminal

blocks; 0.6 x 1 mm pins; straight; Locking

lever; Pin spacing 5 mm; 16-pole; gray

Item No.: 232-134/005-000/039-000

Item No.: 232-146/005-000/039-000

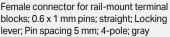
Female connector for rail-mount terminal

lever; Pin spacing 5 mm; 2-pole; gray



Item No.: 232-133/005-000/039-000

blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 3-pole; gray



Item No.: 232-135/005-000/039-000

blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 5-pole; gray

Item No.: 232-136/005-000/039-000 Female connector for rail-mount terminal

blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 6-pole; gray



Item No.: 232-137/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 7-pole; gray



Female connector for rail-mount terminal

blocks; 0.6 x 1 mm pins; straight; Locking

lever; Pin spacing 5 mm; 8-pole; gray

Item No.: 232-139/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Locking lever; Pin spacing 5 mm; 9-pole; gray

Item No.: 232-140/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 10-pole; gray



Item No.: 232-142/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 12-pole; gray

Item No.: 232-146/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 16-pole; gray

Item No.: 232-150/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 20-pole; gray

Item No.: 232-132/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 2-pole; gray

https://www.wago.com/280-942/281-487



1.2.2.1 Female connector/socket



Item No.: 232-133/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 3-pole; gray



Item No.: 232-134/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 4-pole; gray



Item No.: 232-135/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 5-pole; gray



Item No.: 232-136/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 6-pole; gray



Item No.: 232-137/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 7-pole; gray



Item No.: 232-138/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 8-pole; gray



Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; Pin spacing 5 mm; 9-pole; gray

1.2.3 Ferrule

1.2.3.1 Ferrule

Item No.: 216-301



sulated; electro-tin plated; yellow

Ferrule; Sleeve for 0.25 mm² / AWG 24; in-

Item No.: 216-302 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

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; uninsulated; 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 / AWG 20; uninsulated; electro-tin plated; silver-co-

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; uninsulated; electro-tin plated



<u>Item No.: 216-204</u>

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

Item No.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

1.2.4 Installation

1.2.4.1 Cover



Item No.: 709-154

Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent

1.2.4.2 Cover carrier



Item No.: 709-168

Cover carrier; Type 2; incl. fixing/retaining screws and knurled nut; suitable for 283 to 285 Series rail-mounted terminal blocks; suitable for 279 to 281 Series double- and triple-deck terminal blocks; suitable for 780 to 785, 775, 776 and 777 Series TOPJOB® rail-mounted terminal blocks; suitable for 280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray

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1.2.4.3 Mounting accessories





Item No.: 209-106

Mounting carrier; for isolated mounting on DIN 35 rails; gray

Item No.: 249-116

Screwless end stop; 6 mm wide; for DINrail 35 x 15 and 35 x 7.5; gray

1.2.5 Insulation stop

1.2.5.1 Insulation stop







Item No.: 280-470 Item No.: 280-471

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm2 "f-st"); 5 pieces/strip; white

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/ strip; light gray

Item No.: 280-472

Insulation stop; 0.75 - 1 mm²; 5 pieces/ strip; black

1.2.6 Jumper

1.2.6.1 Jumper



Item No.: 280-482

Item No.: 280-485

Jumper; 2-way; insulated; gray

Jumper; 5-way; insulated; gray

Item No.: 280-492

Jumper; 2-way; insulated; gray



Item No.: 709-110

Wire commoning chain; 2.5 mm²; insulated: black

Item No.: 210-123



Item No.: 280-484

Jumper; 10-way; insulated; gray

Jumper; 4-way; insulated; gray

Item No.: 709-112

Wire commoning chain; 2.5 mm²; insulated: black

Item No.: 210-103

Wire commoning chain; insulated; black

Wire commoning chain; insulated; blue

1.2.7 Male connector

1.2.7.1 Male connector/plug





Item No.: 231-170/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 10-pole; gray



Item No.: 231-162/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 2-pole; gray



Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 6-pole; gray

Item No.: 231-171/003-000

Item No.: 231-163/003-000

spacing 5 mm; 3-pole; gray

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 11-pole; gray

Male connector for rail-mount terminal

blocks; 1.2 x 1.2 mm pins; straight; Pin

Item No.: 231-164/003-000

Item No.: 231-172/003-000

spacing 5 mm; 12-pole; gray

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 4-pole; gray



Male connector for rail-mount terminal

blocks; 1.2 x 1.2 mm pins; straight; Pin

Item No.: 231-165/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 5-pole; gray

Item No.: 231-176/003-000

spacing 5 mm; 16-pole; gray

Male connector for rail-mount terminal

blocks; 1.2 x 1.2 mm pins; straight; Pin

Item No.: 280-483

Item No.: 709-111

ted: black

Jumper; 3-way; insulated; gray

Wire commoning chain; 2.5 mm²; insula-



Item No.: 231-166/003-000

Item No.: 231-167/003-000

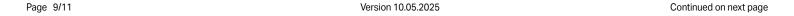
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 7-pole; gray

Item No.: 231-168/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 8-pole; gray

Item No.: 231-169/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 9-pole; gray



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1.2.8 Marking

1.2.8.1 Marker



Item No.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; blue



Item No.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; orange



Item No.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; yellow



Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green



WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; gray



Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; red



Item No.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; violet



Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray



WMB marking card; as card; not stretcha-



Item No.: 793-501/000-005

ble; plain; snap-on type; red



Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; light green



Item No.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; white



Item No.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green



Item No.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet



Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

1.2.9 Protective warning marker

1.2.9.1 Cover



Item No.: 280-415

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black;

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1.2.10 Tool

1.2.10.1 Operating tool

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

Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

<u>Item No.: 210-657</u>

Operating tool; Blade: $3.5 \times 0.5 \text{ mm}$; with a partially insulated shaft; short; multicolou-

Installation Notes



Lamp test circuits can be created using the following terminal blocks: 280-942/281-487 or 280-942/281-488

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com

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