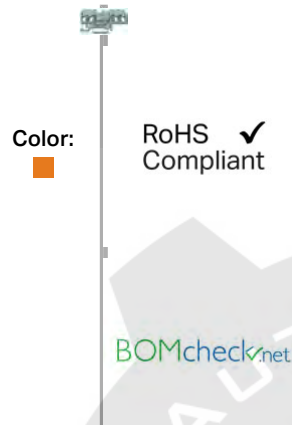


Data sheet | Item number: 280-603

4-conductor through terminal block; 2.5 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



280-603



Item description

Note:

Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste 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 be 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 (14 AWG) = 16 A

4 mm² (12 AWG) = 22 A

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)

800 V

Rated impulse voltage (III / 3)	8 kV
Rated current	20 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Total number of connection points	4
Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-35 rail	28 mm / 1.102 inch
Depth	75 mm / 2.953 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Marking level	Center marking

Material Data

Color	orange
Insulating material	Polyamide 66 (PA 66)
Fire load	0.141 MJ
Weight	8.958 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	DE
GTIN	4044918311113
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2157201.01
	CSA DEKRA Certification B.V.	C22.2	1536071

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14-HG1293677-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	20170731-E45172

Compatible products

Female plug

	Item no.: 232-132/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 2-pole	232-132 /005-000
	Item no.: 232-132/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 3-pole	232-132 /005-000/039-000
	Item no.: 232-133/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 3-pole	232-133 /005-000
	Item no.: 232-133/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 3-pole	232-133 /005-000/039-000
	Item no.: 232-134/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 4-pole	232-134 /005-000
	Item no.: 232-134/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 4-pole	232-134 /005-000/039-000
	Item no.: 232-135/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 5-pole	232-135 /005-000
	Item no.: 232-135/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 5-pole	232-135 /005-000/039-000
	Item no.: 232-136/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 6-pole	232-136 /005-000
	Item no.: 232-136/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 6-pole	232-136 /005-000/039-000
	Item no.: 232-137/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 7-pole	232-137 /005-000
	Item no.: 232-137/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 7-pole	232-137 /005-000/039-000
	Item no.: 232-138/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 8-pole	232-138 /005-000

	Item no.: 232-138/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 8-pole	232-138 /005-000/039-000
	Item no.: 232-139/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 9-pole	232-139 /005-000
	Item no.: 232-139/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 9-pole	232-139 /005-000/039-000
	Item no.: 232-140/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 10-pole	232-140 /005-000
	Item no.: 232-140/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 10-pole	232-140 /005-000/039-000
	Item no.: 232-142/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 12-pole	232-142 /005-000
	Item no.: 232-142/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 12-pole	232-142 /005-000/039-000
	Item no.: 232-146/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 16-pole	232-146 /005-000
	Item no.: 232-146/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 16-pole	232-146 /005-000/039-000
	Item no.: 232-147/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 17-pole	232-147 /005-000/039-000
	Item no.: 232-150/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 20-pole	232-150 /005-000
	Item no.: 232-150/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 20-pole	232-150 /005-000/039-000
	Item no.: 232-232/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 2-pole	232-232 /005-000
	Item no.: 232-232/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 2-pole	232-232 /005-000/039-000

	Item no.: 232-233/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 3-pole	232-233 /005-000
	Item no.: 232-233/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 3-pole	232-233 /005-000/039-000
	Item no.: 232-234/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 4-pole	232-234 /005-000
	Item no.: 232-234/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 4-pole	232-234 /005-000/039-000
	Item no.: 232-235/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 5-pole	232-235 /005-000
	Item no.: 232-235/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 5-pole	232-235 /005-000/039-000
	Item no.: 232-236/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 6-pole	232-236 /005-000
	Item no.: 232-236/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 6-pole	232-236 /005-000/039-000
	Item no.: 232-237/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 7-pole	232-237 /005-000
	Item no.: 232-238/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 8-pole	232-238 /005-000
	Item no.: 232-239/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 9-pole	232-239 /005-000
	Item no.: 232-240/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 10-pole	232-240 /005-000
	Item no.: 232-240/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 10-pole	232-240 /005-000/039-000
	Item no.: 232-242/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 12-pole	232-242 /005-000
	Item no.: 232-242/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 12-pole	232-242 /005-000/039-000

**Item no.: 232-246/005-000**

Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 16-pole

/005-000

232-246

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

Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 16-pole

/005-000/039-000

232-246

Item no.: 232-250/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 20-pole

/005-000

232-250

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

Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 20-pole

/005-000/039-000

232-250

Item no.: 232-732/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 2-pole

/005-000

232-732

Item no.: 232-733/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 3-pole

/005-000

232-733

Item no.: 232-734/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole

/005-000

232-734

Item no.: 232-734/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole

/005-000/039-000

232-734

Item no.: 232-735/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 5-pole

/005-000

232-735

Item no.: 232-735/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 5-pole

/005-000/039-000

232-735

Item no.: 232-736/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole

/005-000

232-736

Item no.: 232-736/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole

/005-000/039-000

232-736

Item no.: 232-738/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 8-pole

/005-000

232-738

Item no.: 232-740/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 10-pole

/005-000

232-740

	Item no.: 232-742/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 12-pole	/005-000	232-742
	Item no.: 232-832/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 2-pole	/005-000	232-832
	Item no.: 232-833/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 3-pole	/005-000	232-833
	Item no.: 232-834/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 4-pole	/005-000	232-834
	Item no.: 232-836/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole	/005-000	232-836
	Item no.: 232-836/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 6-pole	/005-000/039-000	232-836
	Item no.: 232-840/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 10-pole	/005-000	232-840
	Item no.: 232-842/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 12-pole	/005-000	232-842
	Item no.: 722-132/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 2-pole	/005-000	722-132
	Item no.: 722-132/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole	/005-000/039-000	722-132
	Item no.: 722-133/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	/005-000	722-133
	Item no.: 722-133/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole	/005-000/039-000	722-133
	Item no.: 722-134/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	/005-000	722-134
	Item no.: 722-134/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 4-pole	/005-000/039-000	722-134
	Item no.: 722-135/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	/005-000	722-135

spacing 5 mm; 5-pole

	Item no.: 722-135/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 5-pole	722-135 /005-000/039-000
	Item no.: 722-136/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 6-pole	722-136 /005-000
	Item no.: 722-136/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 6-pole	722-136 /005-000/039-000
	Item no.: 722-137/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 7-pole	722-137 /005-000
	Item no.: 722-137/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 7-pole	722-137 /005-000/039-000
	Item no.: 722-138/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 8-pole	722-138 /005-000
	Item no.: 722-138/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 8-pole	722-138 /005-000/039-000
	Item no.: 722-139/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 9-pole	722-139 /005-000
	Item no.: 722-139/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 9-pole	722-139 /005-000/039-000
	Item no.: 722-140/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 10-pole	722-140 /005-000
	Item no.: 722-140/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 10-pole	722-140 /005-000/039-000
	Item no.: 722-141/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 11-pole	722-141 /005-000
	Item no.: 722-142/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 12-pole	722-142 /005-000
	Item no.: 722-142/005-007/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 12-pole	722-142 /005-007/039-000
	Item no.: 722-143/005-000	

	Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 13-pole	722-143 /005-000
	Item no.: 722-144/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 14-pole	722-144 /005-000
	Item no.: 722-144/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 14-pole	722-144 /005-000/039-000
	Item no.: 722-145/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 15-pole	722-145 /005-000
	Item no.: 722-146/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole	722-146 /005-000
	Item no.: 722-146/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole	722-146 /005-000/039-000
	Item no.: 722-150/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole	722-150 /005-000
	Item no.: 722-150/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 20-pole	722-150 /005-000/039-000
	Item no.: 722-232/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	722-232 /005-000
	Item no.: 722-232/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole	722-232 /005-000/039-000
	Item no.: 722-233/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	722-233 /005-000
	Item no.: 722-233/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole	722-233 /005-000/039-000
	Item no.: 722-234/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	722-234 /005-000
	Item no.: 722-234/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 4-pole	722-234 /005-000/039-000
	Item no.: 722-235/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 5-pole	722-235 /005-000

	Item no.: 722-235/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 5-pole	722-235 /005-000/039-000
	Item no.: 722-236/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 6-pole	722-236 /005-000
	Item no.: 722-236/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 6-pole	722-236 /005-000/039-000
	Item no.: 722-237/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 7-pole	722-237 /005-000
	Item no.: 722-237/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole	722-237 /005-000/039-000
	Item no.: 722-238/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 8-pole	722-238 /005-000
	Item no.: 722-239/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 9-pole	722-239 /005-000
	Item no.: 722-239/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 9-pole	722-239 /005-000/039-000
	Item no.: 722-240/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 10-pole	722-240 /005-000
	Item no.: 722-240/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 10-pole	722-240 /005-000/039-000
	Item no.: 722-241/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole	722-241 /005-000
	Item no.: 722-242/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole	722-242 /005-000
	Item no.: 722-242/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 12-pole	722-242 /005-000/039-000
	Item no.: 722-243/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 13-pole	722-243 /005-000

Item no.: 722-244/005-000



Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 14-pole

722-244

/005-000



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

Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 14-pole

722-244

/005-000/039-000



Item no.: 722-246/005-000

Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 16-pole

722-246

/005-000



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

Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole

722-246

/005-000/039-000



Item no.: 722-250/005-000

Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 20-pole

722-250

/005-000

ferrule



Item no.: 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

216-101



Item no.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

216-102



Item no.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

216-103



Item no.: 216-104

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

216-104



Item no.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated

216-201



Item no.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated

216-202



Item no.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated

216-203



Item no.: 216-204

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

216-204

Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated

216-301



Item no.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated

216-302

General accessories



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

231-162

/003-000



Item no.: 231-163/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 3-pole

231-163

/003-000

	Item no.: 231-164/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 4-pole / 003-000	231-164
	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 / 003-000	231-165
	Item no.: 231-166/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 6-pole / 003-000	231-166
	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 / 003-000	231-167
	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 / 003-000	231-168
	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 / 003-000	231-169
	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 / 003-000	231-170
	Item no.: 231-171/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 11-pole / 003-000	231-171
	Item no.: 231-172/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 12-pole / 003-000	231-172
	Item no.: 231-176/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 16-pole / 003-000	231-176
	Item no.: 231-180/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 20-pole / 003-000	231-180
	Item no.: 249-105 Group marker carrier	249-105
	Item no.: 280-404 Test plug adapter; 5 mm wide; for test plug 210-137 (2.3 mm Ø); suitable for 1.5 mm² - 4 mm² tbs	280-404
	Item no.: 280-418 Test plug module; modular; suitable for all WAGO 280 and 780 Series rail-mounted terminal blocks with jumper slots in the current bar	280-418
	Item no.: 280-419 Spacer module; modular; bridging commoned terminal blocks	280-419
	Item no.: 281-407	

Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm² - 2.5 mm²

281-407

**Item no.: 721-162/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 2-pole

/003-000

721-162

**Item no.: 721-163/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole

/003-000

721-163

**Item no.: 721-164/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole

/003-000

721-164

**Item no.: 721-165/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 5-pole

/003-000

721-165

**Item no.: 721-166/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 6-pole

/003-000

721-166

**Item no.: 721-167/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole

/003-000

721-167

**Item no.: 721-168/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 8-pole

/003-000

721-168

**Item no.: 721-169/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 9-pole

/003-000

721-169

**Item no.: 721-170/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 10-pole

/003-000

721-170

**Item no.: 721-171/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole

/003-000

721-171

**Item no.: 721-172/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole

/003-000

721-172

**Item no.: 721-173/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 13-pole

/003-000

721-173

**Item no.: 721-174/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 14-pole

/003-000

721-174

**Item no.: 721-175/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 15-pole

/003-000

721-175

**Item no.: 721-176/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole

/003-000

721-176

**Item no.: 721-180/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole

/003-000

721-180

Insulation stop**Item no.: 280-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip

280-470

**Item no.: 280-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

280-471

**Item no.: 280-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

280-472

check**Item no.: 209-170**Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² tbs

209-170

**Item no.: 249-106**

B-type test plug module; modular

249-106

**Item no.: 249-107**

B-type spacer module; modular; e.g., for bridging commoned terminal blocks

249-107

**Item no.: 249-141**

L-type test plug module; modular; with spring-loaded contact pin; Center module

249-141

assembling**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails

209-106

**Item no.: 709-153**

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

709-153

tools**Item no.: 210-657**

Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short

210-657

**Item no.: 210-658**

Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled

210-658

**Item no.: 210-720**

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

Carrier rail**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

210-112

**Item no.: 210-113**

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

210-113

**Item no.: 210-114**

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

210-114

	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	210-115
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-118
	Item no.: 210-196 Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715	210-196
	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	210-197
	Item no.: 210-198 Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-198
	Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	210-504
	Item no.: 210-505 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	210-505
	Item no.: 210-506 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	210-506
	Item no.: 210-508 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	210-508
Marking accessories		
	Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115
	Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-002
	Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-006
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-007
	Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-012
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-017
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-023
	Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-024



Item no.: 209-128
Adaptor

209-128



Item no.: 209-140
Group marker carrier

209-140



Item no.: 209-141
Group marker carrier

209-141



Item no.: 209-142
Group marker carrier

209-142



Item no.: 209-185
Adaptor

209-185



Item no.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type

793-501



Item no.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501



Item no.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501



Item no.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501



Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501



Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501



Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501



Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501



Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501



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

793-5501



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

/000-002

793-5501



Item no.: 793-5501/000-005

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501



Item no.: 793-5501/000-006

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501



Item no.: 793-5501/000-007

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501



Item no.: 793-5501/000-012

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

793-5501



Item no.: 793-5501/000-017

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501



Item no.: 793-5501/000-023

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501



Item no.: 793-5501/000-024

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

793-5501

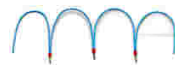
Jumper



Item no.: 210-103

Wire commoning chain; insulated; 50 connections

210-103



Item no.: 210-123

Wire commoning chain; insulated; 50 connections

210-123



Item no.: 249-123

Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm²

249-123



Item no.: 249-125

Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²

249-125



Item no.: 249-126

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²

249-126



Item no.: 249-127

Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²

249-127



Item no.: 280-402

Adjacent jumper; insulated; IN = IN terminal block

280-402



Item no.: 280-409

Alternate jumper; insulated; IN = IN terminal block

280-409



Item no.: 280-422

Adjacent jumper; insulated; IN = IN terminal block

280-422



Item no.: 280-482

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block

280-482

	Item no.: 280-483 Comb-style jumper bar; insulated; 3-way; IN = IN terminal block	280-483
	Item no.: 280-484 Comb-style jumper bar; insulated; 4-way; IN = IN terminal block	280-484
	Item no.: 280-485 Comb-style jumper bar; insulated; 5-way; IN = IN terminal block	280-485
	Item no.: 280-490 Comb-style jumper bar; insulated; 10-way; IN = IN terminal block	280-490
	Item no.: 280-492 Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block	280-492
	Item no.: 283-414 Step-down jumper; insulated; from 16 mm² to 4 mm²; Nominal current 32 A	283-414
	Item no.: 284-414 Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A	284-414
	Item no.: 709-110 Wire commoning chain; insulated; 4 connections; 3 x 110 mm	709-110
	Item no.: 709-111 Wire commoning chain; insulated; 3 connections; 2 x 120 mm	709-111
	Item no.: 709-112 Wire commoning chain; insulated; 3 connections; 2 x 170 mm	709-112
	Item no.: 780-452 Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs	780-452
	Item no.: 780-453 Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs	780-453
	Item no.: 780-454 Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs	780-454
	Item no.: 780-455 Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs	780-455
	Item no.: 780-456 Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs	780-456
	Item no.: 780-457 Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs	780-457
	Item no.: 780-458 Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs	780-458
End plate		
	Item no.: 280-314 End and intermediate plate; 2.5 mm thick	280-314
	Item no.: 280-315 End and intermediate plate; 2.5 mm thick	280-315

	Item no.: 280-334 Separator plate; 2 mm thick; oversized	280-334
	Item no.: 280-335 Separator plate; 2 mm thick; oversized	280-335
	Item no.: 284-335 Step-down cover plate; 1 mm thick; for 4-conductor 280-633 terminal blocks	284-335
	Item no.: 284-345 Step-down cover plate; 1 mm thick; for 4-conductor 280-633 terminal blocks	284-345
Protective Warning Marker		
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415

Downloads

CAD/CAE - Smart Data

CAD data

	URL	Download
3D Download 280-603		

Subject to changes.