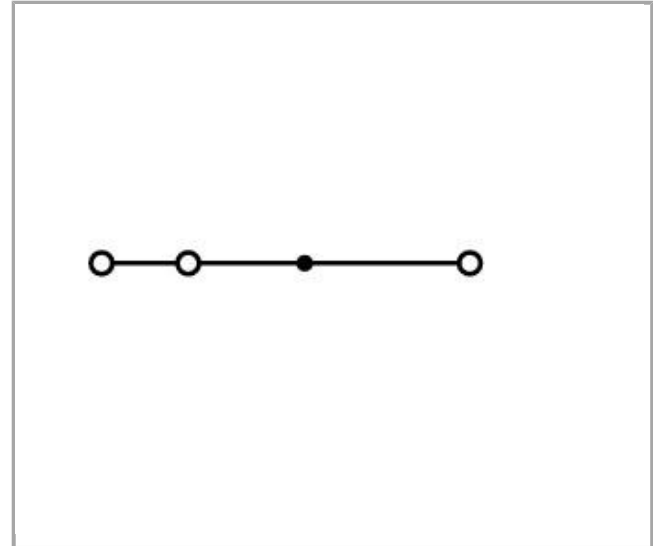
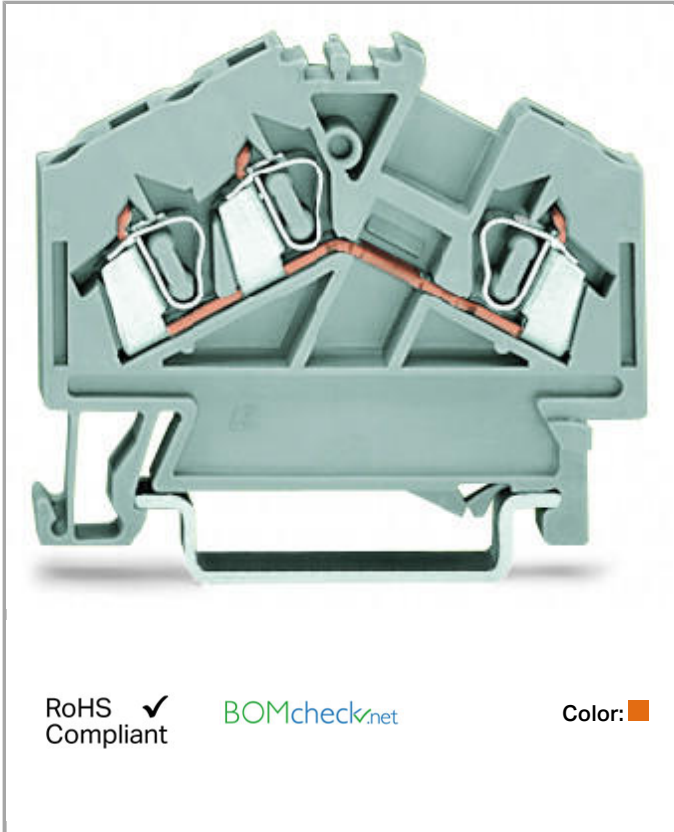


Data sheet | Item number: 280-654

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



280-654



RoHS 
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: 

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	24 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 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	3
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	36.5 mm / 1.437 inch
Depth	50.5 mm / 1.988 inch

Mechanical data

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

Material Data

Color	orange
Insulating material	Polyamide 66 (PA 66)
Fire load	0.121 MJ



Weight	6.739 g
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Commercial data




Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	DE
GTIN	4044918325936
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
	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 UL International Germany GmbH	UL 1059	E45172







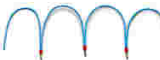











Compatible products


















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	/UU3-UUU	231-162
	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	/UU3-UUU	231-163
	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	/UU3-UUU	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	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	231-180
	Item no.: 231-668 Lockout caps; for covering unused clamping units	231-668
	Item no.: 231-669 Lockout caps; for covering unused clamping units	231-669
	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 mm ² - 4 mm ² 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 mm ² - 2.5 mm ²	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	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	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	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	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	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	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	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
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
ferrule			
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated		216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated		216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated		216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated		216-104

	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302
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 mm ²	249-123
	Item no.: 249-125 Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm ²	249-125
	Item no.: 249-126 Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm ²	249-126
	Item no.: 249-127 Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm ²	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.: 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
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

/005-000

232-146

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

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

/005-000/039-000

232-146

Item no.: 232-147/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 17-pole

/005-000/039-000

232-147

Item no.: 232-150/005-000

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

/005-000

232-150

Item no.: 232-150/005-000/039-000

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

/005-000/039-000

232-150

Item no.: 232-232/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 2-pole

/005-000

232-232

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

Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 2-pole

/005-000/039-000

232-232

Item no.: 232-233/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 3-pole

/005-000

232-233

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

Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 3-pole

/005-000/039-000

232-233

Item no.: 232-234/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 4-pole

/005-000

232-234

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

Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 4-pole

/005-000/039-000

232-234

Item no.: 232-235/005-000

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

/005-000

232-235

Item no.: 232-235/005-000/039-000

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

/005-000/039-000
















232-235















Item no.: 232-236/005-000















Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 6-pole















/005-000















232-236















	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	232-246 /005-000
	Item no.: 232-246/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 16-pole	232-246 /005-000/039-000
	Item no.: 232-250/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 20-pole	232-250 /005-000
	Item no.: 232-250/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 20-pole	232-250 /005-000/039-000
	Item no.: 232-732/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 2-pole	232-732 /005-000
	Item no.: 232-733/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 3-pole	232-733 /005-000
	Item no.: 232-734/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole	232-734 /005-000

	Item no.: 232-734/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole	232-734 /005-000/039-000
	Item no.: 232-735/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 5-pole	232-735 /005-000
	Item no.: 232-735/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 5-pole	232-735 /005-000/039-000
	Item no.: 232-736/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole	232-736 /005-000
	Item no.: 232-736/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole	232-736 /005-000/039-000
	Item no.: 232-738/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 8-pole	232-738 /005-000
	Item no.: 232-740/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 10-pole	232-740 /005-000
	Item no.: 232-742/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 12-pole	232-742 /005-000
	Item no.: 232-832/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 2-pole	232-832 /005-000
	Item no.: 232-833/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 3-pole	232-833 /005-000
	Item no.: 232-834/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 4-pole	232-834 /005-000
	Item no.: 232-836/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole	232-836 /005-000
	Item no.: 232-836/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 6-pole	232-836 /005-000/039-000
	Item no.: 232-840/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 10-pole	232-840 /005-000

	Item no.: 232-842/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 12-pole	232-842 /005-000
	Item no.: 722-132/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 2-pole	722-132 /005-000
	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	722-132 /005-000/039-000
	Item no.: 722-133/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	722-133 /005-000
	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	722-133 /005-000/039-000
	Item no.: 722-134/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	722-134 /005-000
	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	722-134 /005-000/039-000
	Item no.: 722-135/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 5-pole	722-135 /005-000
	Item no.: 722-135/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching;	

	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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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 mismatching; 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	

Protective Warning Marker

Item no.: 280-415



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

280-415

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

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

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

/UUU-UUZ

	Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-115
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-115
	Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-115
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	2009-115
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-115
	Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-115
	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.: 210-612 Marking strips; for self-marking; plain; Self-adhesive		210-612
	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
check			
	Item no.: 209-170 Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm ² - 10 mm ² 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
End plate		
	Item no.: 280-312 End and intermediate plate; 2.5 mm thick	280-312
	Item no.: 280-313 End and intermediate plate; 2.5 mm thick	280-313
	Item no.: 280-318 Separator plate; 2.5 mm thick; oversized	280-318
	Item no.: 280-348 Separator plate; 2.5 mm thick; oversized	280-348
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

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Subject to changes.