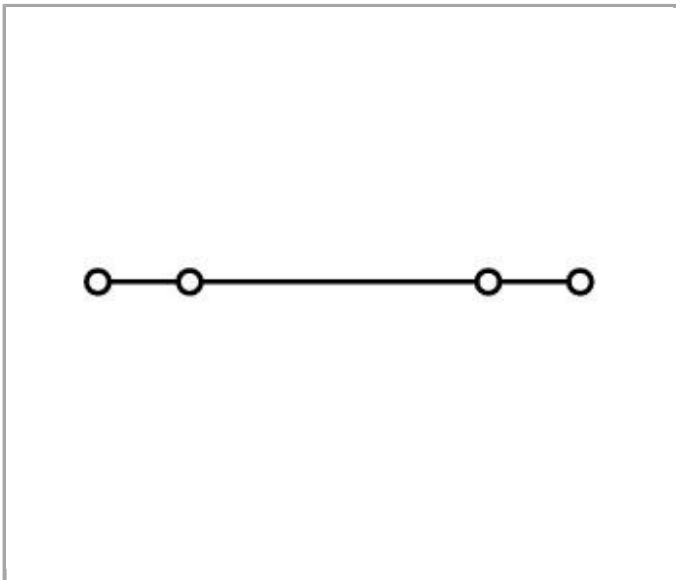
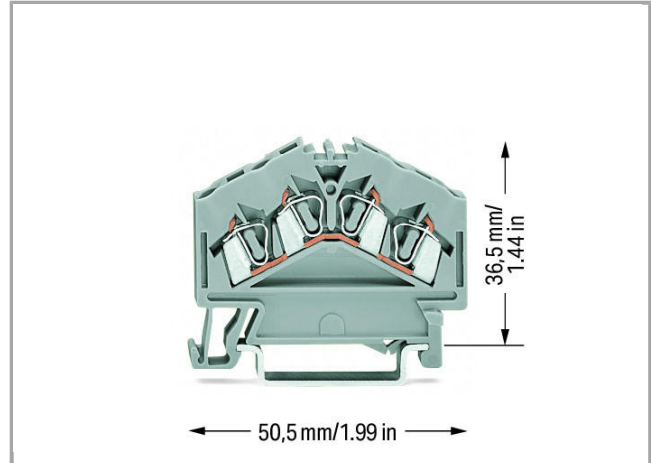
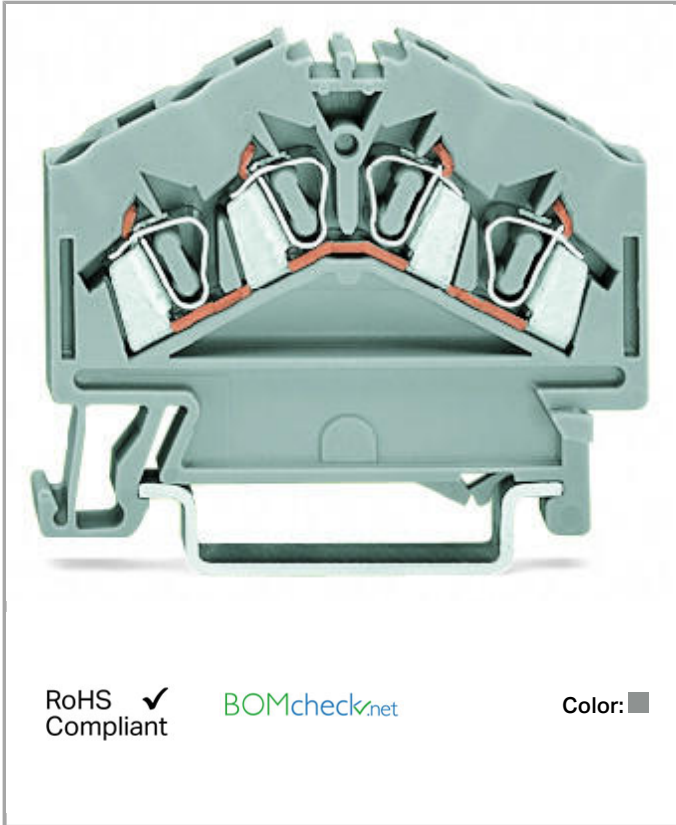


Data sheet | Item number: 280-646

4-conductor through terminal block; 2.5 mm<sup>2</sup>; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



280-646



Item description

**Note:****Terminating Aluminum Conductors**

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/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 mm<sup>2</sup> (14 AWG) = 16 A

4 mm<sup>2</sup> (12 AWG) = 22 A

**Safety information 1:**

Notice: This terminal block cannot be commoned with adjacent jumpers!

**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 <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 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	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	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.129 MJ
Weight	7.371 g

## Commercial data



Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	DE
GTIN	4044918456920
Customs Tariff No.	85369010000



## Approvals / Certificates

### Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	2157201.01

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	<b>BV</b> Bureau Veritas S.A.	EN 60947	07436/E0 BV






	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	<b>LR</b> Lloyds Register	EN 60947	91/20112 (E9)

















**UL-Approvals**















Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> Underwriters Laboratories Inc.	UL 1059	20170731- E45172
















**Compatible products**













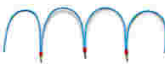


**Marking accessories**

















	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/UUU-UUZ
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/UUU-UU6
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/UUU-UU7
	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/UUU-U12
















	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	2009-115
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-115
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-115
	<b>Item no.: 209-128</b> Adaptor		209-128
	<b>Item no.: 209-185</b> Adaptor		209-185
	<b>Item no.: 210-612</b> Marking strips; for self-marking; plain; Self-adhesive		210-612
	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type		793-501
	<b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-002	793-501
	<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-005	793-501
	<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-006	793-501
	<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-007	793-501
	<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-012	793-501
	<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-017	793-501
	<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-023	793-501
	<b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-024	793-501
	<b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type		793-5501















	<b>Item no.: 793-5501/000-002</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-002
	<b>Item no.: 793-5501/000-005</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-005
	<b>Item no.: 793-5501/000-006</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-006
	<b>Item no.: 793-5501/000-007</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-007
	<b>Item no.: 793-5501/000-012</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-012
	<b>Item no.: 793-5501/000-017</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-017
	<b>Item no.: 793-5501/000-023</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-023
	<b>Item no.: 793-5501/000-024</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-024
<b>General accessories</b>		
	<b>Item no.: 231-162/003-000</b> 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
	<b>Item no.: 231-163/003-000</b> 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
	<b>Item no.: 231-164/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 4-pole	231-164 /003-000
	<b>Item no.: 231-165/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 5-pole	231-165 /003-000
	<b>Item no.: 231-166/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 6-pole	231-166 /003-000
	<b>Item no.: 231-167/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 7-pole	231-167 /003-000















	<b>Item no.: 231-168/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 8-pole	231-168
		/UUU-UUU
	<b>Item no.: 231-169/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 9-pole	231-169
		/UUU-UUU
	<b>Item no.: 231-170/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 10-pole	231-170
		/UUU-UUU
	<b>Item no.: 231-171/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 11-pole	231-171
		/UUU-UUU
	<b>Item no.: 231-172/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 12-pole	231-172
		/UUU-UUU
	<b>Item no.: 231-176/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 16-pole	231-176
		/UUU-UUU
	<b>Item no.: 231-180/003-000</b> Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 20-pole	231-180
		/UUU-UUU
	<b>Item no.: 231-668</b> Lockout caps; for covering unused clamping units	231-668
	<b>Item no.: 231-669</b> Lockout caps; for covering unused clamping units	231-669
	<b>Item no.: 249-105</b> Group marker carrier	249-105
	<b>Item no.: 721-162/003-000</b> 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
		/UUU-UUU
	<b>Item no.: 721-163/003-000</b> 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
		/UUU-UUU
	<b>Item no.: 721-164/003-000</b> 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
		/UUU-UUU
	<b>Item no.: 721-165/003-000</b> 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
		/UUU-UUU
	<b>Item no.: 721-166/003-000</b> 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
		/UUU-UUU

	<b>Item no.: 721-167/003-000</b> 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
		/003-000
	<b>Item no.: 721-168/003-000</b> 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
		/003-000
	<b>Item no.: 721-169/003-000</b> 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	721-169
		/003-000
	<b>Item no.: 721-170/003-000</b> 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	721-170
		/003-000
	<b>Item no.: 721-171/003-000</b> 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	721-171
		/003-000
	<b>Item no.: 721-172/003-000</b> 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	721-172
		/003-000
	<b>Item no.: 721-173/003-000</b> 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	721-173
		/003-000
	<b>Item no.: 721-174/003-000</b> 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	721-174
		/003-000
	<b>Item no.: 721-175/003-000</b> 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	721-175
		/003-000
	<b>Item no.: 721-176/003-000</b> 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	721-176
		/003-000
	<b>Item no.: 721-180/003-000</b> 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	721-180
		/003-000
<b>Jumper</b>		
	<b>Item no.: 210-103</b> Wire commoning chain; insulated; 50 connections	210-103
	<b>Item no.: 210-123</b> Wire commoning chain; insulated; 50 connections	210-123
	<b>Item no.: 280-482</b> Comb-style jumper bar; insulated; 2-way; IN = IN terminal block	280-482
	<b>Item no.: 280-483</b> Comb-style jumper bar; insulated; 3-way; IN = IN terminal block	280-483
	<b>Item no.: 280-484</b>	

	Comb-style jumper bar; insulated; 4-way; IN = IN terminal block	280-484
	<b>Item no.: 280-485</b> Comb-style jumper bar; insulated; 5-way; IN = IN terminal block	280-485
	<b>Item no.: 280-490</b> Comb-style jumper bar; insulated; 10-way; IN = IN terminal block	280-490
	<b>Item no.: 280-492</b> Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block	280-492
	<b>Item no.: 709-110</b> Wire commoning chain; insulated; 4 connections; 3 x 110 mm	709-110
	<b>Item no.: 709-111</b> Wire commoning chain; insulated; 3 connections; 2 x 120 mm	709-111
	<b>Item no.: 709-112</b> Wire commoning chain; insulated; 3 connections; 2 x 170 mm	709-112
<b>check</b>		
	<b>Item no.: 249-141</b> L-type test plug module; modular; with spring-loaded contact pin; Center module	249-141
<b>Protective Warning Marker</b>		
	<b>Item no.: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
<b>Female plug</b>		
	<b>Item no.: 232-132/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 2-pole	232-132 /005-000
	<b>Item no.: 232-132/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 3-pole	232-132 /005-000/039-000
	<b>Item no.: 232-133/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 3-pole	232-133 /005-000
	<b>Item no.: 232-133/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 3-pole	232-133 /005-000/039-000
	<b>Item no.: 232-134/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 4-pole	232-134 /005-000
	<b>Item no.: 232-134/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 4-pole	232-134 /005-000/039-000
	<b>Item no.: 232-135/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 5-pole	232-135 /005-000

	<b>Item no.: 232-135/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 5-pole	232-135 /005-000/039-000
	<b>Item no.: 232-136/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 6-pole	232-136 /005-000
	<b>Item no.: 232-136/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 6-pole	232-136 /005-000/039-000
	<b>Item no.: 232-137/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 7-pole	232-137 /005-000
	<b>Item no.: 232-137/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 7-pole	232-137 /005-000/039-000
	<b>Item no.: 232-138/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 8-pole	232-138 /005-000
	<b>Item no.: 232-138/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 8-pole	232-138 /005-000/039-000
	<b>Item no.: 232-139/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 9-pole	232-139 /005-000
	<b>Item no.: 232-139/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 9-pole	232-139 /005-000/039-000
	<b>Item no.: 232-140/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 10-pole	232-140 /005-000
	<b>Item no.: 232-140/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 10-pole	232-140 /005-000/039-000
	<b>Item no.: 232-142/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 12-pole	232-142 /005-000
	<b>Item no.: 232-142/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 12-pole	232-142 /005-000/039-000
	<b>Item no.: 232-146/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 16-pole	232-146 /005-000
	<b>Item no.: 232-146/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 16-pole	232-146 /005-000/039-000

	<b>Item no.: 232-147/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 17-pole	232-147 /005-000/039-000
	<b>Item no.: 232-150/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 20-pole	232-150 /005-000
	<b>Item no.: 232-150/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 20-pole	232-150 /005-000/039-000
	<b>Item no.: 232-232/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 2-pole	232-232 /005-000
	<b>Item no.: 232-232/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 2-pole	232-232 /005-000/039-000
	<b>Item no.: 232-233/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 3-pole	232-233 /005-000
	<b>Item no.: 232-233/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 3-pole	232-233 /005-000/039-000
	<b>Item no.: 232-234/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 4-pole	232-234 /005-000
	<b>Item no.: 232-234/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 4-pole	232-234 /005-000/039-000
	<b>Item no.: 232-235/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 5-pole	232-235 /005-000
	<b>Item no.: 232-235/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 5-pole	232-235 /005-000/039-000
	<b>Item no.: 232-236/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 6-pole	232-236 /005-000
	<b>Item no.: 232-236/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 6-pole	232-236 /005-000/039-000
	<b>Item no.: 232-237/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 7-pole	232-237 /005-000

	<b>Item no.: 232-238/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 8-pole	232-238 /005-000
	<b>Item no.: 232-239/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 9-pole	232-239 /005-000
	<b>Item no.: 232-240/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 10-pole	232-240 /005-000
	<b>Item no.: 232-240/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 10-pole	232-240 /005-000/039-000
	<b>Item no.: 232-242/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 12-pole	232-242 /005-000
	<b>Item no.: 232-242/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 12-pole	232-242 /005-000/039-000
	<b>Item no.: 232-246/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 16-pole	232-246 /005-000
	<b>Item no.: 232-246/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 16-pole	232-246 /005-000/039-000
	<b>Item no.: 232-250/005-000</b> Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 20-pole	232-250 /005-000
	<b>Item no.: 232-250/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 20-pole	232-250 /005-000/039-000
	<b>Item no.: 232-732/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 2-pole	232-732 /005-000
	<b>Item no.: 232-733/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 3-pole	232-733 /005-000
	<b>Item no.: 232-734/005-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole	232-734 /005-000
	<b>Item no.: 232-734/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole	232-734 /005-000/039-000
	<b>Item no.: 232-735/005-000</b> 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



















	<b>Item no.: 722-132/005-000/039-000</b> 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
	<b>Item no.: 722-133/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	722-133 /005-000
	<b>Item no.: 722-133/005-000/039-000</b> 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
	<b>Item no.: 722-134/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	722-134 /005-000
	<b>Item no.: 722-134/005-000/039-000</b> 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
	<b>Item no.: 722-135/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 5-pole	722-135 /005-000
	<b>Item no.: 722-135/005-000/039-000</b> 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
	<b>Item no.: 722-136/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 6-pole	722-136 /005-000
	<b>Item no.: 722-136/005-000/039-000</b> 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
	<b>Item no.: 722-137/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole	722-137 /005-000
	<b>Item no.: 722-137/005-000/039-000</b> 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
	<b>Item no.: 722-138/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 8-pole	722-138 /005-000
	<b>Item no.: 722-138/005-000/039-000</b> 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
	<b>Item no.: 722-139/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 9-pole	722-139 /005-000
	<b>Item no.: 722-139/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching;	722-139 /005-000/039-000

Locking lever; Pin spacing 5 mm; 9-pole

	<b>Item no.: 722-140/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 10-pole	/005-000	722-140
	<b>Item no.: 722-140/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 10-pole	/005-000/039-000	722-140
	<b>Item no.: 722-141/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole	/005-000	722-141
	<b>Item no.: 722-142/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole	/005-000	722-142
	<b>Item no.: 722-142/005-007/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 12-pole	/005-007/039-000	722-142
	<b>Item no.: 722-143/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 13-pole	/005-000	722-143
	<b>Item no.: 722-144/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 14-pole	/005-000	722-144
	<b>Item no.: 722-144/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 14-pole	/005-000/039-000	722-144
	<b>Item no.: 722-145/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 15-pole	/005-000	722-145
	<b>Item no.: 722-146/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole	/005-000	722-146
	<b>Item no.: 722-146/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole	/005-000/039-000	722-146
	<b>Item no.: 722-150/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole	/005-000	722-150
	<b>Item no.: 722-150/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 20-pole	/005-000/039-000	722-150
	<b>Item no.: 722-232/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	/005-000	722-232
	<b>Item no.: 722-232/005-000/039-000</b>		

	Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 3-pole	722-232 /005-000/039-000
	<b>Item no.: 722-233/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 3-pole	722-233 /005-000
	<b>Item no.: 722-233/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 3-pole	722-233 /005-000/039-000
	<b>Item no.: 722-234/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 4-pole	722-234 /005-000
	<b>Item no.: 722-234/005-000/039-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 4-pole	722-234 /005-000/039-000
	<b>Item no.: 722-235/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 5-pole	722-235 /005-000
	<b>Item no.: 722-235/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 5-pole	722-235 /005-000/039-000
	<b>Item no.: 722-236/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 6-pole	722-236 /005-000
	<b>Item no.: 722-236/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 6-pole	722-236 /005-000/039-000
	<b>Item no.: 722-237/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 7-pole	722-237 /005-000
	<b>Item no.: 722-237/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 7-pole	722-237 /005-000/039-000
	<b>Item no.: 722-238/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 8-pole	722-238 /005-000
	<b>Item no.: 722-239/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 9-pole	722-239 /005-000
	<b>Item no.: 722-239/005-000/039-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 9-pole	722-239 /005-000/039-000
	<b>Item no.: 722-240/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 10-pole	722-240 /005-000

	<b>Item no.: 722-240/005-000/039-000</b> 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
	<b>Item no.: 722-241/005-000</b> Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole	722-241 /005-000
	<b>Item no.: 722-242/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole	722-242 /005-000
	<b>Item no.: 722-242/005-000/039-000</b> 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
	<b>Item no.: 722-243/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 13-pole	722-243 /005-000
	<b>Item no.: 722-244/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 14-pole	722-244 /005-000
	<b>Item no.: 722-244/005-000/039-000</b> 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
	<b>Item no.: 722-246/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 16-pole	722-246 /005-000
	<b>Item no.: 722-246/005-000/039-000</b> 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
	<b>Item no.: 722-250/005-000</b> Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 20-pole	722-250 /005-000
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	<b>Item no.: 210-658</b> Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled	210-658
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<b>End plate</b>		
	<b>Item no.: 280-312</b> End and intermediate plate; 2.5 mm thick	280-312
	<b>Item no.: 280-313</b> End and intermediate plate; 2.5 mm thick	280-313










	<b>Item no.: 280-318</b> Separator plate; 2.5 mm thick; oversized	280-318
	<b>Item no.: 280-348</b> Separator plate; 2.5 mm thick; oversized	280-348
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<b>Carrier rail</b>		
	<b>Item no.: 210-112</b> 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
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	210-113
	<b>Item no.: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	210-114
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	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-118
	<b>Item no.: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715	210-196
	<b>Item no.: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	210-197
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	<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	210-504
	<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	210-505
	<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	210-506
	<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	210-508
<b>assembling</b>		
	<b>Item no.: 209-106</b> Mounting carrier; for isolated mounting on DIN 35 rails	209-106
	<b>Item no.: 709-153</b>	



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

709-153

## ferrule

	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	216-101
	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	216-102
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	216-103
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	216-104
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated	216-201
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated	216-202
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	216-203
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	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	216-301
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated	216-302

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Subject to changes.

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