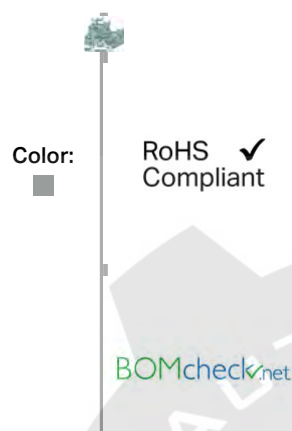


Data sheet | Item number: 2022-2227



1-conductor/1-pin double deck receptacle terminal block; Ground conductor /through terminal block; PE/L; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®

2022-2227



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	690 V
Rated impulse voltage (III / 3)	6 kV
Rated current	24 A
Rated current (2)	28 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
Nominal cross section	2.5 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor, push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
Total number of connection points	2
Total number of potentials	2
Number of levels	2
Type of wiring	Front-entry wiring

Geometrical Data

Width	5.2 mm / 0.205 inch
Height from upper-edge of DIN-35 rail	51.3 mm / 2.02 inch
Depth	80.1 mm / 3.154 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Potential marking	PE/L
Marking level	Side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.245 MJ
Weight	14.639 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4045454916558
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7628
	CSA DEKRA Certification B.V.	C22.2 No. 158	70107915
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 101201
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 101201



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	38586/A0 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
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

Jumper

Item no.: 2002-400

	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current 25 A		2022-400
	Item no.: 2022-402 Push-in type jumper bar; insulated; 2-way; Nominal current 25 A		2022-402
	Item no.: 2022-402/000-005 Push-in type jumper bar; insulated; 2-way; Nominal current 25 A	/000-005	2022-402
	Item no.: 2022-402/000-006 Push-in type jumper bar; insulated; 2-way; Nominal current 25 A	/000-006	2022-402
	Item no.: 2022-403 Push-in type jumper bar; insulated; 3-way; Nominal current 25 A		2022-403
	Item no.: 2022-403/000-005 Push-in type jumper bar; insulated; 3-way; Nominal current 25 A	/000-005	2022-403
	Item no.: 2022-403/000-006 Push-in type jumper bar; insulated; 3-way; Nominal current 25 A	/000-006	2022-403
	Item no.: 2022-404 Push-in type jumper bar; insulated; 4-way; Nominal current 25 A		2022-404
	Item no.: 2022-404/000-005 Push-in type jumper bar; insulated; 4-way; Nominal current 25 A	/000-005	2022-404
	Item no.: 2022-404/000-006 Push-in type jumper bar; insulated; 4-way; Nominal current 25 A	/000-006	2022-404
	Item no.: 2022-405 Push-in type jumper bar; insulated; 5-way; Nominal current 25 A		2022-405
	Item no.: 2022-405/000-005 Push-in type jumper bar; insulated; 5-way; Nominal current 25 A	/000-005	2022-405
	Item no.: 2022-405/000-006 Push-in type jumper bar; insulated; 5-way; Nominal current 25 A	/000-006	2022-405
	Item no.: 2022-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block	/011-000	2022-405
	Item no.: 2022-406 Push-in type jumper bar; insulated; 6-way; Nominal current 25 A		2022-406
	Item no.: 2022-406/000-005 Push-in type jumper bar; insulated; 6-way; Nominal current 25 A	/000-005	2022-406

	Item no.: 2002-406/000-006 Push-in type jumper bar; insulated; 6-way; Nominal current 25 A	/0000-0006	2002-406
	Item no.: 2002-406/020-000 Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block	/0020-0000	2002-406
	Item no.: 2002-407 Push-in type jumper bar; insulated; 7-way; Nominal current 25 A		2002-407
	Item no.: 2002-407/000-005 Push-in type jumper bar; insulated; 7-way; Nominal current 25 A	/0000-0005	2002-407
	Item no.: 2002-407/000-006 Push-in type jumper bar; insulated; 7-way; Nominal current 25 A	/0000-0006	2002-407
	Item no.: 2002-408 Push-in type jumper bar; insulated; 8-way; Nominal current 25 A		2002-408
	Item no.: 2002-408/000-005 Push-in type jumper bar; insulated; 8-way; Nominal current 25 A	/0000-0005	2002-408
	Item no.: 2002-408/000-006 Push-in type jumper bar; insulated; 8-way; Nominal current 25 A	/0000-0006	2002-408
	Item no.: 2002-409 Push-in type jumper bar; insulated; 9-way; Nominal current 25 A		2002-409
	Item no.: 2002-409/000-005 Push-in type jumper bar; insulated; 9-way; Nominal current 25 A	/0000-0005	2002-409
	Item no.: 2002-409/000-006 Push-in type jumper bar; insulated; 9-way; Nominal current 25 A	/0000-0006	2002-409
	Item no.: 2002-410 Push-in type jumper bar; insulated; 10-way; Nominal current 25 A		2002-410
	Item no.: 2002-410/000-005 Push-in type jumper bar; insulated; 10-way; Nominal current 25 A	/0000-0005	2002-410
	Item no.: 2002-410/000-006 Push-in type jumper bar; insulated; 10-way; Nominal current 25 A	/0000-0006	2002-410
	Item no.: 2002-423 Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A		2002-423
	Item no.: 2002-423/000-005 Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A	/0000-0005	2002-423

	Item no.: 2002-423/000-006 Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A	2002-423 /000-006
	Item no.: 2002-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 25 A	2002-433
	Item no.: 2002-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 25 A	2002-434
	Item no.: 2002-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 25 A	2002-435
	Item no.: 2002-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 25 A	2002-436
	Item no.: 2002-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 25 A	2002-437
	Item no.: 2002-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 25 A	2002-438
	Item no.: 2002-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 25 A	2002-439
	Item no.: 2002-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 25 A	2002-440
	Item no.: 2002-472 Staggered jumper; insulated; 2-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-472
	Item no.: 2002-473 Staggered jumper; insulated; 3-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-473
	Item no.: 2002-473/011-000 Ready-made staggered jumper; insulated; 2-way (1-3); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking	2002-473 /011-000
	Item no.: 2002-474 Staggered jumper; insulated; 4-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-474
	Item no.: 2002-475 Staggered jumper; insulated; 5-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-475
	Item no.: 2002-475/011-000 Ready-made staggered jumper; insulated; 3-way (1-3-5); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking	2002-475 /011-000
	Item no.: 2002-476 Staggered jumper; insulated; 6-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-476
	Item no.: 2002-477 Staggered jumper; insulated; 7-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-477
	Item no.: 2002-477/011-000 Ready-made staggered jumper; insulated; 1-3-5-7; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking	2002-477 /011-000

	Item no.: 2002-478 Staggered jumper; insulated; 8-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-478
	Item no.: 2002-479 Staggered jumper; insulated; 9-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-479
	Item no.: 2002-479/011-000 Ready-made staggered jumper; insulated; 1-3-5-7-9; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking	2002-479 /011-000
	Item no.: 2002-480 Staggered jumper; insulated; 10-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-480
	Item no.: 2002-481 Staggered jumper; insulated; 11-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-481
	Item no.: 2002-481/011-000 Ready-made staggered jumper; insulated; 1-3-5-7-9-11; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking	2002-481 /011-000
	Item no.: 2002-482 Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks	2002-482
	Item no.: 2002-492 Double-deck vertical jumper; insulated	2002-492
	Item no.: 2002-492/000-012 Double-deck vertical jumper; insulated	2002-492 /000-012
	Item no.: 2009-412 Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks	2009-412
	Item no.: 2009-414 Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks	2009-414
	Item no.: 2009-416 Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks	2009-416
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections	210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections	210-123
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
check		
	Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks	2009-174
	Item no.: 2009-182 Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm	2009-182
Coding		
	Item no.: 2022-100 Carrier with 6 coding pins; for coding of female plugs	2022-100
End plate		
	Item no.: 2022-2291 End and intermediate plate; 1 mm thick	2022-2291
	Item no.: 2022-2292 End and intermediate plate; 1 mm thick	2022-2292
Protective Warning Marker		
	Item no.: 2002-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2002-115
Marking accessories		
	Item no.: 2002-161 Adaptor	2002-161
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type	2009-110
	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	/000-002	2009-115
	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.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-145
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	2009-145
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-145
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-145
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-145
	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-145

	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-145
	Item no.: 2009-191 Group marker carrier		2009-191
	Item no.: 2009-192 Group marker carrier		2009-192
	Item no.: 2009-193 Group marker carrier		2009-193
	Item no.: 2009-198 Adaptor		2009-198
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card		248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-002	248-501
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-005	248-501
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-006	248-501
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-007	248-501
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-012	248-501
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-017	248-501
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-023	248-501
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-024	248-501
	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

793-5501

/000-024

tools



Item no.: 210-720
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

Insulation stop



Item no.: 2002-171
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

2002-171



Item no.: 2002-172
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

2002-172

General accessories



Item no.: 2002-121
Adaptor

2002-121



Item no.: 2022-161
Start module for 1-conductor female connector; with integrated end plate; 2.5 mm²; 1-pole

2022-161



Item no.: 2022-162
Start module for 1-conductor female connector; with integrated end plate; 2.5 mm²; 1-pole

2022-162



Item no.: 2022-164
Start module for 1-conductor female connector; with integrated end plate; 2.5 mm²; 1-pole

2022-164



Item no.: 2022-167
Start module for 1-conductor female connector; with integrated end plate; 2.5 mm²; 1-pole

2022-167



Item no.: 2022-171
Center module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-171



Item no.: 2022-172
Center module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-172



Item no.: 2022-174
Center module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-174



Item no.: 2022-177
Center module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-177



Item no.: 2022-181
End module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-181



Item no.: 2022-182
End module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-182



Item no.: 2022-184
End module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-184



Item no.: 2022-187
End module for 1-conductor female connector; 2.5 mm²; 1-pole

2022-187

Female plug



Item no.: 2022-101
1-conductor female plug; 2.5 mm²; 1-pole

2022-101

	Item no.: 2022-101/000-006 1-conductor female plug; 1-pole	/000-006	2022-101
	Item no.: 2022-101/000-012 1-conductor female plug; 1-pole	/000-012	2022-101
	Item no.: 2022-101/000-016 1-conductor female plug; 1-pole	/000-016	2022-101
	Item no.: 2022-101/122-000 1-conductor female plug; 1-pole	/122-000	2022-101
	Item no.: 2022-101/122-006 1-conductor female plug; 1-pole	/122-006	2022-101
	Item no.: 2022-101/122-016 1-conductor female plug; 1-pole	/122-016	2022-101
	Item no.: 2022-101/132-000 1-conductor female plug; Strain relief plate; 1-pole	/132-000	2022-101
	Item no.: 2022-101/132-006 1-conductor female plug; Strain relief plate; 1-pole	/132-006	2022-101
	Item no.: 2022-101/132-016 1-conductor female plug; Strain relief plate; 1-pole	/132-016	2022-101
	Item no.: 2022-101/142-000 1-conductor female plug; Strain relief plate; 1-pole	/142-000	2022-101
	Item no.: 2022-101/142-006 1-conductor female plug; Strain relief plate; 1-pole	/142-006	2022-101
	Item no.: 2022-101/142-016 1-conductor female plug; Strain relief plate; 1-pole	/142-016	2022-101
	Item no.: 2022-102 1-conductor female plug; 2.5 mm ² ; 2-pole		2022-102
	Item no.: 2022-102/000-006 1-conductor female plug; 2.5 mm ² ; 2-pole	/000-006	2022-102
	Item no.: 2022-102/000-016 1-conductor female plug; 2.5 mm ² ; 2-pole	/000-016	2022-102

	Item no.: 2022-102/122-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 2-pole	/ 122-000	2022-102
	Item no.: 2022-102/132-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 2-pole	/ 132-000	2022-102
	Item no.: 2022-102/142-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 2-pole	/ 142-000	2022-102
	Item no.: 2022-103 1-conductor female plug; 2.5 mm ² ; 3-pole		2022-103
	Item no.: 2022-103/000-006 1-conductor female plug; 2.5 mm ² ; 3-pole	/ 000-006	2022-103
	Item no.: 2022-103/000-016 1-conductor female plug; 2.5 mm ² ; 3-pole	/ 000-016	2022-103
	Item no.: 2022-103/000-036 1-conductor female plug; 2.5 mm ² ; 3-pole	/ 000-036	2022-103
	Item no.: 2022-103/000-037 1-conductor female plug; 2.5 mm ² ; 3-pole	/ 000-037	2022-103
	Item no.: 2022-103/000-038 1-conductor female plug; 2.5 mm ² ; 3-pole	/ 000-038	2022-103
	Item no.: 2022-103/000-039 1-conductor female plug; 2.5 mm ² ; 3-pole	/ 000-039	2022-103
	Item no.: 2022-103/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 3-pole	/ 123-000	2022-103
	Item no.: 2022-103/133-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 3-pole	/ 133-000	2022-103
	Item no.: 2022-103/143-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 3-pole	/ 143-000	2022-103
	Item no.: 2022-104 1-conductor female plug; 2.5 mm ² ; 4-pole		2022-104
	Item no.: 2022-104/000-006 1-conductor female plug; 2.5 mm ² ; 4-pole	/ 000-006	2022-104

	Item no.: 2022-104/000-016 1-conductor female plug; 2.5 mm ² ; 4-pole	/000-016	2022-104
	Item no.: 2022-104/000-036 1-conductor female plug; 2.5 mm ² ; 4-pole	/000-036	2022-104
	Item no.: 2022-104/000-037 1-conductor female plug; 2.5 mm ² ; 4-pole	/000-037	2022-104
	Item no.: 2022-104/000-038 1-conductor female plug; 2.5 mm ² ; 4-pole	/000-038	2022-104
	Item no.: 2022-104/000-039 1-conductor female plug; 2.5 mm ² ; 4-pole	/000-039	2022-104
	Item no.: 2022-104/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 4-pole	/123-000	2022-104
	Item no.: 2022-104/133-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 4-pole	/133-000	2022-104
	Item no.: 2022-104/143-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 4-pole	/143-000	2022-104
	Item no.: 2022-105 1-conductor female plug; 2.5 mm ² ; 5-pole		2022-105
	Item no.: 2022-105/000-006 1-conductor female plug; 2.5 mm ² ; 5-pole	/000-006	2022-105
	Item no.: 2022-105/000-016 1-conductor female plug; 2.5 mm ² ; 5-pole	/000-016	2022-105
	Item no.: 2022-105/000-036 1-conductor female plug; 2.5 mm ² ; 5-pole	/000-036	2022-105
	Item no.: 2022-105/000-037 1-conductor female plug; 2.5 mm ² ; 5-pole	/000-037	2022-105
	Item no.: 2022-105/000-038 1-conductor female plug; 2.5 mm ² ; 5-pole	/000-038	2022-105
	Item no.: 2022-105/000-039 1-conductor female plug; 2.5 mm ² ; 5-pole	/000-039	2022-105

	Item no.: 2022-105/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 5-pole	/ 123-000	2022-105
	Item no.: 2022-105/134-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 5-pole	/ 134-000	2022-105
	Item no.: 2022-105/144-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 5-pole	/ 144-000	2022-105
	Item no.: 2022-106 1-conductor female plug; 2.5 mm ² ; 6-pole		2022-106
	Item no.: 2022-106/000-006 1-conductor female plug; 2.5 mm ² ; 6-pole	/ 000-006	2022-106
	Item no.: 2022-106/000-016 1-conductor female plug; 2.5 mm ² ; 6-pole	/ 000-016	2022-106
	Item no.: 2022-106/000-036 1-conductor female plug; 2.5 mm ² ; 6-pole	/ 000-036	2022-106
	Item no.: 2022-106/000-037 1-conductor female plug; 2.5 mm ² ; 6-pole	/ 000-037	2022-106
	Item no.: 2022-106/000-038 1-conductor female plug; 2.5 mm ² ; 6-pole	/ 000-038	2022-106
	Item no.: 2022-106/000-039 1-conductor female plug; 2.5 mm ² ; 6-pole	/ 000-039	2022-106
	Item no.: 2022-106/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 6-pole	/ 123-000	2022-106
	Item no.: 2022-106/134-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 6-pole	/ 134-000	2022-106
	Item no.: 2022-106/144-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 6-pole	/ 144-000	2022-106
	Item no.: 2022-107 1-conductor female plug; 2.5 mm ² ; 7-pole		2022-107
	Item no.: 2022-107/000-006 1-conductor female plug; 2.5 mm ² ; 7-pole	/ 000-006	2022-107

**Item no.: 2022-107/000-016**

1-conductor female plug; 2.5 mm²; 7-pole

2022-107

/000-016

**Item no.: 2022-107/000-036**

1-conductor female plug; 2.5 mm²; 7-pole

2022-107

/000-036

**Item no.: 2022-107/000-037**

1-conductor female plug; 2.5 mm²; 7-pole

2022-107

/000-037

**Item no.: 2022-107/000-038**

1-conductor female plug; 2.5 mm²; 7-pole

2022-107

/000-038

**Item no.: 2022-107/000-039**

1-conductor female plug; 2.5 mm²; 7-pole

2022-107

/000-039

Item no.: 2022-107/123-000

1-conductor female plug; Locking lever; 2.5 mm²; 7-pole

2022-107

/123-000

Item no.: 2022-107/135-000

1-conductor female plug; Strain relief plate; 2.5 mm²; 7-pole

2022-107

/135-000

Item no.: 2022-107/145-000

1-conductor female plug; Strain relief plate; 2.5 mm²; 7-pole

2022-107

/145-000

**Item no.: 2022-108**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

**Item no.: 2022-108/000-006**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

/000-006

**Item no.: 2022-108/000-016**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

/000-016

**Item no.: 2022-108/000-036**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

/000-036

**Item no.: 2022-108/000-037**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

/000-037

**Item no.: 2022-108/000-038**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

/000-038

**Item no.: 2022-108/000-039**

1-conductor female plug; 2.5 mm²; 8-pole

2022-108

/000-039

	Item no.: 2022-108/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 8-pole	/ 123-000	2022-108
	Item no.: 2022-108/135-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 8-pole	/ 135-000	2022-108
	Item no.: 2022-108/145-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 8-pole	/ 145-000	2022-108
	Item no.: 2022-109 1-conductor female plug; 2.5 mm ² ; 9-pole		2022-109
	Item no.: 2022-109/000-006 1-conductor female plug; 2.5 mm ² ; 9-pole	/ 000-006	2022-109
	Item no.: 2022-109/000-016 1-conductor female plug; 2.5 mm ² ; 9-pole	/ 000-016	2022-109
	Item no.: 2022-109/000-036 1-conductor female plug; 2.5 mm ² ; 9-pole	/ 000-036	2022-109
	Item no.: 2022-109/000-037 1-conductor female plug; 2.5 mm ² ; 9-pole	/ 000-037	2022-109
	Item no.: 2022-109/000-038 1-conductor female plug; 2.5 mm ² ; 9-pole	/ 000-038	2022-109
	Item no.: 2022-109/000-039 1-conductor female plug; 2.5 mm ² ; 9-pole	/ 000-039	2022-109
	Item no.: 2022-109/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 9-pole	/ 123-000	2022-109
	Item no.: 2022-109/135-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 9-pole	/ 135-000	2022-109
	Item no.: 2022-109/145-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 9-pole	/ 145-000	2022-109
	Item no.: 2022-110 1-conductor female plug; 2.5 mm ² ; 10-pole		2022-110
	Item no.: 2022-110/000-006 1-conductor female plug; 2.5 mm ² ; 10-pole	/ 000-006	2022-110

	Item no.: 2022-110/000-016 1-conductor female plug; 2.5 mm ² ; 10-pole	/000-016	2022-110
	Item no.: 2022-110/000-036 1-conductor female plug; 2.5 mm ² ; 10-pole	/000-036	2022-110
	Item no.: 2022-110/000-037 1-conductor female plug; 2.5 mm ² ; 10-pole	/000-037	2022-110
	Item no.: 2022-110/000-038 1-conductor female plug; 2.5 mm ² ; 10-pole	/000-038	2022-110
	Item no.: 2022-110/000-039 1-conductor female plug; 2.5 mm ² ; 10-pole	/000-039	2022-110
	Item no.: 2022-110/123-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 10-pole	/123-000	2022-110
	Item no.: 2022-110/135-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 10-pole	/135-000	2022-110
	Item no.: 2022-110/145-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 10-pole	/145-000	2022-110
	Item no.: 2022-111 1-conductor female plug; 2.5 mm ² ; 11-pole		2022-111
	Item no.: 2022-111/000-006 1-conductor female plug; 2.5 mm ² ; 11-pole	/000-006	2022-111
	Item no.: 2022-111/000-016 1-conductor female plug; 2.5 mm ² ; 11-pole	/000-016	2022-111
	Item no.: 2022-111/000-036 1-conductor female plug; 2.5 mm ² ; 11-pole	/000-036	2022-111
	Item no.: 2022-111/000-037 1-conductor female plug; 2.5 mm ² ; 11-pole	/000-037	2022-111
	Item no.: 2022-111/000-038 1-conductor female plug; 2.5 mm ² ; 11-pole	/000-038	2022-111
	Item no.: 2022-111/000-039 1-conductor female plug; 2.5 mm ² ; 11-pole	/000-039	2022-111

	Item no.: 2022-111/126-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 11-pole	/ 126-000	2022-111
	Item no.: 2022-111/136-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 11-pole	/ 136-000	2022-111
	Item no.: 2022-111/146-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 11-pole	/ 146-000	2022-111
	Item no.: 2022-112 1-conductor female plug; 2.5 mm ² ; 12-pole		2022-112
	Item no.: 2022-112/000-006 1-conductor female plug; 2.5 mm ² ; 12-pole	/000-006	2022-112
	Item no.: 2022-112/000-016 1-conductor female plug; 2.5 mm ² ; 12-pole	/000-016	2022-112
	Item no.: 2022-112/000-036 1-conductor female plug; 2.5 mm ² ; 12-pole	/000-036	2022-112
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	Item no.: 2022-113 1-conductor female plug; 2.5 mm ² ; 13-pole		2022-113
	Item no.: 2022-113/000-006 1-conductor female plug; 2.5 mm ² ; 13-pole	/000-006	2022-113

**Item no.: 2022-113/000-016**

1-conductor female plug; 2.5 mm²; 13-pole

2022-113

/000-016

**Item no.: 2022-113/000-036**

1-conductor female plug; 2.5 mm²; 13-pole

2022-113

/000-036

**Item no.: 2022-113/000-037**

1-conductor female plug; 2.5 mm²; 13-pole

2022-113

/000-037

**Item no.: 2022-113/000-038**

1-conductor female plug; 2.5 mm²; 13-pole

2022-113

/000-038

**Item no.: 2022-113/000-039**

1-conductor female plug; 2.5 mm²; 13-pole

2022-113

/000-039

Item no.: 2022-113/126-000

1-conductor female plug; Locking lever; 2.5 mm²; 13-pole

2022-113

/126-000

Item no.: 2022-113/136-000

1-conductor female plug; Strain relief plate; 2.5 mm²; 13-pole

2022-113

/136-000

Item no.: 2022-113/146-000

1-conductor female plug; Strain relief plate; 2.5 mm²; 13-pole

2022-113

/146-000

**Item no.: 2022-114**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

**Item no.: 2022-114/000-006**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

/000-006

**Item no.: 2022-114/000-016**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

/000-016

**Item no.: 2022-114/000-036**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

/000-036

**Item no.: 2022-114/000-037**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

/000-037

**Item no.: 2022-114/000-038**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

/000-038

**Item no.: 2022-114/000-039**

1-conductor female plug; 2.5 mm²; 14-pole

2022-114

/000-039

	Item no.: 2022-114/126-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 14-pole	/ 126-000	2022-114
	Item no.: 2022-114/136-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 14-pole	/ 136-000	2022-114
	Item no.: 2022-114/146-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 14-pole	/ 146-000	2022-114
	Item no.: 2022-115 1-conductor female plug; 2.5 mm ² ; 15-pole		2022-115
	Item no.: 2022-115/000-006 1-conductor female plug; 2.5 mm ² ; 15-pole	/ 000-006	2022-115
	Item no.: 2022-115/000-016 1-conductor female plug; 2.5 mm ² ; 15-pole	/ 000-016	2022-115
	Item no.: 2022-115/000-036 1-conductor female plug; 2.5 mm ² ; 15-pole	/ 000-036	2022-115
	Item no.: 2022-115/000-037 1-conductor female plug; 2.5 mm ² ; 15-pole	/ 000-037	2022-115
	Item no.: 2022-115/000-038 1-conductor female plug; 2.5 mm ² ; 15-pole	/ 000-038	2022-115
	Item no.: 2022-115/000-039 1-conductor female plug; 2.5 mm ² ; 15-pole	/ 000-039	2022-115
	Item no.: 2022-115/127-000 1-conductor female plug; Locking lever; 2.5 mm ² ; 15-pole	/ 127-000	2022-115
	Item no.: 2022-115/137-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 15-pole	/ 137-000	2022-115
	Item no.: 2022-115/147-000 1-conductor female plug; Strain relief plate; 2.5 mm ² ; 15-pole	/ 147-000	2022-115
ferrule			
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	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-242

	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-244
	Item no.: 216-246 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-246
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	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-264
	Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-266
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-284
	Item no.: 216-286 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-286

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