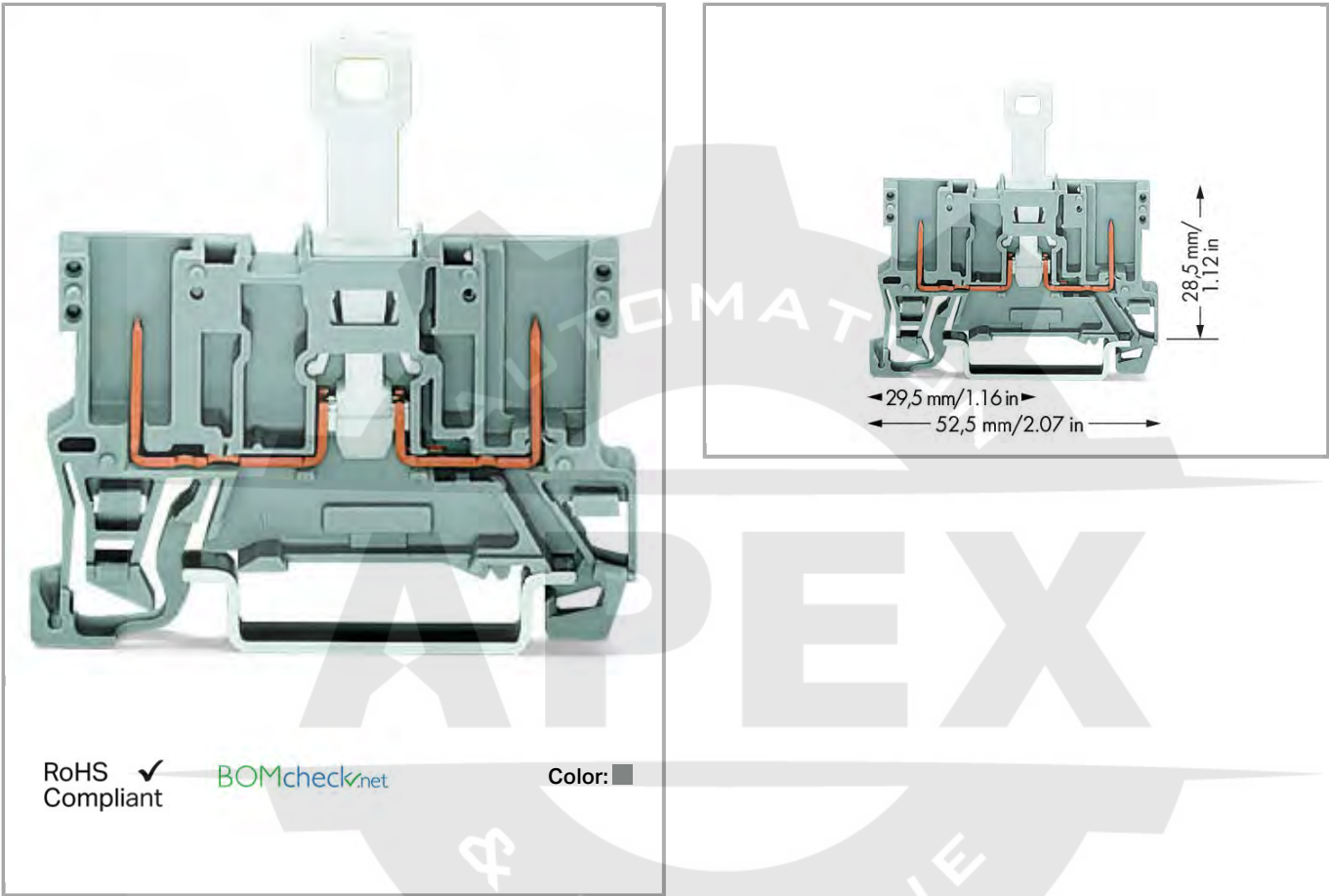




769-222



Data
Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	16 A

Connection data

Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-35 rail	28.5 mm / 1.122 inch
Depth	52.5 mm / 2.067 inch

Mechanical data

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

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.112 MJ
Weight	5.087 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4045454619404
Customs Tariff No.	85365080990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals

Certificate

Logo	Approval	Additional Approval Text	name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

General accessories

	Item no.: 709-170 Disconnect lock; for disconnect tab used on 280/281 and 769 Series disconnect terminal blocks	709-170
	Item no.: 769-438 Pin cover; with marker slot for miniature WSB	769-438
	Item no.: 769-439 Pin cover; with marker slot for miniature WSB	769-439
	Item no.: 769-501 Start module for 1-conductor female connector; with integrated end plate; 4 mm ² ; 1-pole	769-501
	Item no.: 769-501/000-006 Start module for 1-conductor female connector; 4 mm ² ; 1-pole	769-501 /000-006

	Item no.: 769-501/000-016 Start module for 1-conductor female connector; with integrated end plate; 4 mm ² ; 1-pole	769-501
	Item no.: 769-502 Center module for 1-conductor female connector; 4 mm ² ; 1-pole	769-502
	Item no.: 769-502/000-006 Center module for 1-conductor female connector; 4 mm ² ; 1-pole	769-502
	Item no.: 769-502/000-016 Center module for 1-conductor female connector; 4 mm ² ; 1-pole	769-502
	Item no.: 769-503 End module for 1-conductor female connector; 4 mm ² ; 1-pole	769-503
	Item no.: 769-503/000-006 End module for 1-conductor female connector; 4 mm ² ; 1-pole	769-503
	Item no.: 769-503/000-016 End module for 1-conductor female connector; 4 mm ² ; 1-pole	769-503
	Item no.: 769-504 Start module for 2-conductor female connector; with integrated end plate; 4 mm ² ; 1-pole	769-504
	Item no.: 769-504/000-006 Start module for 2-conductor female connector; with integrated end plate; 4 mm ² ; 1-pole	769-504
	Item no.: 769-504/000-016 Start module for 2-conductor female connector; 4 mm ² ; 1-pole	769-504
	Item no.: 769-505 Center module for 2-conductor female connector; 4 mm ² ; 1-pole	769-505
	Item no.: 769-505/000-006 Center module for 2-conductor female connector; 4 mm ² ; 1-pole	769-505
	Item no.: 769-505/000-016 Center module for 2-conductor female connector; 4 mm ² ; 1-pole	769-505
	Item no.: 769-506 End module for 2-conductor female connector; 4 mm ² ; 1-pole	769-506
	Item no.: 769-506/000-006 End module for 2-conductor female connector; 4 mm ² ; 1-pole	769-506
	Item no.: 769-506/000-016 End module for 2-conductor female connector; 4 mm ² ; 1-pole	769-506

**Item no.: 769-512**

769-512

Start module for 1-conductor female connector; angled; 4 mm²; 1-pole**Item no.: 769-512/000-006**

769-512

Start module for 1-conductor female connector; angled; 4 mm²; 1-pole

/000-006

**Item no.: 769-512/000-016**

769-512

Start module for 1-conductor female connector; angled; 4 mm²; 1-pole

/000-016

**Item no.: 769-513**

769-513

Center module for 1-conductor female connector; angled; 4 mm²; 1-pole**Item no.: 769-513/000-006**

769-513

1-conductor center module; angled; codable; 1-pole

/000-006

**Item no.: 769-513/000-016**

769-513

1-conductor center module; angled; codable; 1-pole

/000-016

**Item no.: 769-515**

769-515

1-conductor end module; angled; codable; 1-pole

**Item no.: 769-515/000-006**

769-515

1-conductor end module; angled; codable; 1-pole

/000-006

**Item no.: 769-515/000-016**

769-515

1-conductor end module; angled; codable; 1-pole

/000-016

Marking accessories**Item no.: 2009-145**

2009-145

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

**Item no.: 2009-145/000-002**

2009-145

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

**Item no.: 2009-145/000-005**

2009-145

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

**Item no.: 2009-145/000-006**

2009-145

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

**Item no.: 2009-145/000-007**

2009-145

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

**Item no.: 2009-145/000-012**

2009-145

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145
	7000-023	
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145
	7000-024	
	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	248-501
	7000-002	
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-005	
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-006	
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-007	
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-012	
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-017	
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-023	
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	7000-024	
Jumper		
	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
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**

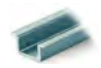
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

210-114

**Item no.: 210-115**

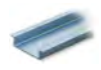
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

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

Coding**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

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

Mounting carrier; for isolated mounting on DIN 35 rails

209-106

Female plug**Item no.: 769-101**

1-conductor female plug; 4 mm²; 1-pole

769-101

**Item no.: 769-101/000-006**

1-conductor female plug; 4 mm²; 1-pole

769-101

/000-006

**Item no.: 769-101/000-016**

1-conductor female plug; 4 mm²; 1-pole

769-101

/000-016

**Item no.: 769-101/022-000**

1-conductor female plug; angled; 4 mm²; 1-pole

769-101

/022-000

	Item no.: 769-101/022-016 1-conductor female plug; angled; 4 mm²; 1-pole	769-101 /022-016
	Item no.: 769-102 1-conductor female plug; 4 mm²; 2-pole	769-102
	Item no.: 769-102/000-006 1-conductor female plug; 4 mm²; 2-pole	769-102 /000-006
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm²; 2-pole	769-102 /000-036
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm²; 2-pole	769-102 /000-037
	Item no.: 769-102/022-000 1-conductor female plug; angled; 4 mm²; 2-pole	769-102 /022-000
	Item no.: 769-103 1-conductor female plug; 4 mm²; 3-pole	769-103
	Item no.: 769-103/000-006 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-006
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-036
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-037
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-038
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm²; 3-pole	769-103 /000-039
	Item no.: 769-103/022-000 1-conductor female plug; angled; 4 mm²; 3-pole	769-103 /022-000
	Item no.: 769-104 1-conductor female plug; 4 mm²; 4-pole	769-104
	Item no.: 769-104/000-006 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-006

	Item no.: 769-104/000-036 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-036
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-037
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-038
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-039
	Item no.: 769-104/022-000 1-conductor female plug; angled; 4 mm²; 4-pole	769-104 /022-000
	Item no.: 769-105 1-conductor female plug; 4 mm²; 5-pole	769-105
	Item no.: 769-105/000-006 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-006
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-036
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm²; 5-pole	769-105 /000-039
	Item no.: 769-105/022-000 1-conductor female plug; angled; 4 mm²; 5-pole	769-105 /022-000
	Item no.: 769-106 1-conductor female plug; 4 mm²; 6-pole	769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-036

	Item no.: 769-106/000-037 1-conductor female plug; 4 mm ² ; 6-pole	/000-037	769-106
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm ² ; 6-pole	/000-038	769-106
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm ² ; 6-pole	/000-039	769-106
	Item no.: 769-106/022-000 1-conductor female plug; angled; 4 mm ² ; 6-pole	/022-000	769-106
	Item no.: 769-107 1-conductor female plug; 4 mm ² ; 7-pole		769-107
	Item no.: 769-107/000-006 1-conductor female plug; 4 mm ² ; 7-pole	/000-006	769-107
	Item no.: 769-107/000-036 1-conductor female plug; 4 mm ² ; 7-pole	/000-036	769-107
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm ² ; 7-pole	/000-037	769-107
	Item no.: 769-107/000-038 1-conductor female plug; 4 mm ² ; 7-pole	/000-038	769-107
	Item no.: 769-107/000-039 1-conductor female plug; 4 mm ² ; 7-pole	/000-039	769-107
	Item no.: 769-107/022-000 1-conductor female plug; angled; 4 mm ² ; 7-pole	/022-000	769-107
	Item no.: 769-108 1-conductor female plug; 4 mm ² ; 8-pole		769-108
	Item no.: 769-108/000-006 1-conductor female plug; 4 mm ² ; 8-pole	/000-006	769-108
	Item no.: 769-108/000-036 1-conductor female plug; 4 mm ² ; 8-pole	/000-036	769-108
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm ² ; 8-pole	/000-037	769-108

	Item no.: 769-108/000-038 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-038
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-039
	Item no.: 769-108/022-000 1-conductor female plug; angled; 4 mm²; 8-pole	769-108 /022-000
	Item no.: 769-109 1-conductor female plug; 4 mm²; 9-pole	769-109
	Item no.: 769-109/000-006 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-006
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-039
	Item no.: 769-109/022-000 1-conductor female plug; angled; 4 mm²; 9-pole	769-109 /022-000
	Item no.: 769-110 1-conductor female plug; 4 mm²; 10-pole	769-110
	Item no.: 769-110/000-006 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-006
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-038

**Item no.: 769-110/000-039**1-conductor female plug; 4 mm²; 10-pole

769-110

/000-039

**Item no.: 769-110/022-000**1-conductor female plug; angled; 4 mm²; 10-pole

769-110

/022-000

**Item no.: 769-111**1-conductor female plug; 4 mm²; 11-pole

769-111

**Item no.: 769-111/000-006**1-conductor female plug; 4 mm²; 11-pole

769-111

/000-006

**Item no.: 769-111/000-036**1-conductor female plug; 4 mm²; 11-pole

769-111

/000-036

**Item no.: 769-111/000-037**1-conductor female plug; 4 mm²; 11-pole

769-111

/000-037

**Item no.: 769-111/000-038**1-conductor female plug; 4 mm²; 11-pole

769-111

/000-038

**Item no.: 769-111/000-039**1-conductor female plug; 4 mm²; 11-pole

769-111

/000-039

**Item no.: 769-111/022-000**1-conductor female plug; angled; 4 mm²; 11-pole

769-111

/022-000

**Item no.: 769-112**1-conductor female plug; 4 mm²; 12-pole

769-112

**Item no.: 769-112/000-006**1-conductor female plug; 4 mm²; 12-pole

769-112

/000-006

**Item no.: 769-112/000-036**1-conductor female plug; 4 mm²; 12-pole

769-112

/000-036

**Item no.: 769-112/000-037**1-conductor female plug; 4 mm²; 12-pole

769-112

/000-037

**Item no.: 769-112/000-038**1-conductor female plug; 4 mm²; 12-pole

769-112

/000-038

**Item no.: 769-112/000-039**1-conductor female plug; 4 mm²; 12-pole

769-112

/000-039



Item no.: 769-112/022-000
1-conductor female plug; angled; 4 mm²; 12-pole

769-112
/022-000



Item no.: 769-113
1-conductor female plug; 4 mm²; 13-pole

769-113



Item no.: 769-113/000-036
1-conductor female plug; 4 mm²; 13-pole

769-113
/000-036



Item no.: 769-113/000-037
1-conductor female plug; 4 mm²; 13-pole

769-113
/000-037



Item no.: 769-113/000-038
1-conductor female plug; 4 mm²; 13-pole

769-113
/000-038



Item no.: 769-113/000-039
1-conductor female plug; 4 mm²; 13-pole

769-113
/000-039



Item no.: 769-113/022-000
1-conductor female plug; angled; 4 mm²; 13-pole

769-113
/022-000



Item no.: 769-114
1-conductor female plug; 4 mm²; 14-pole

769-114



Item no.: 769-114/000-006
1-conductor female plug; 4 mm²; 14-pole

769-114
/000-006



Item no.: 769-114/000-036
1-conductor female plug; 4 mm²; 14-pole

769-114
/000-036



Item no.: 769-114/000-037
1-conductor female plug; 4 mm²; 14-pole

769-114
/000-037



Item no.: 769-114/000-038
1-conductor female plug; 4 mm²; 14-pole

769-114
/000-038



Item no.: 769-114/000-039
1-conductor female plug; 4 mm²; 14-pole

769-114
/000-039



Item no.: 769-114/022-000
1-conductor female plug; angled; 4 mm²; 14-pole

769-114
/022-000



Item no.: 769-115
1-conductor female plug; 4 mm²; 15-pole

769-115

Item no.: 769-115/000-036
1-conductor female plug; 4 mm²; 15-pole

769-115
/000-036



	Item no.: 769-115/000-037 1-conductor female plug; 4 mm²; 15-pole	/000-037	769-115
	Item no.: 769-115/000-038 1-conductor female plug; 4 mm²; 15-pole	/000-038	769-115
	Item no.: 769-115/000-039 1-conductor female plug; 4 mm²; 15-pole	/000-039	769-115
	Item no.: 769-115/022-000 1-conductor female plug; angled; 4 mm²; 15-pole	/022-000	769-115
tools			
	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm		210-720
End plate			
	Item no.: 769-305 End and intermediate plate; 1.1 mm thick		769-305
	Item no.: 769-306 End and intermediate plate; 1.1 mm thick		769-306
check			
	Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable		210-137

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CAD/CAE - Smart Data**CAD data**

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