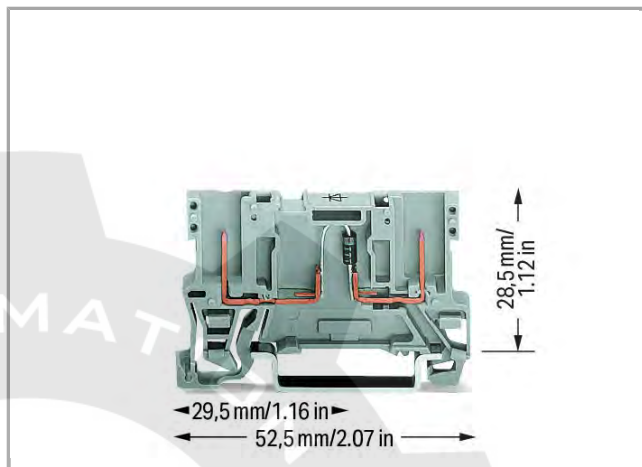
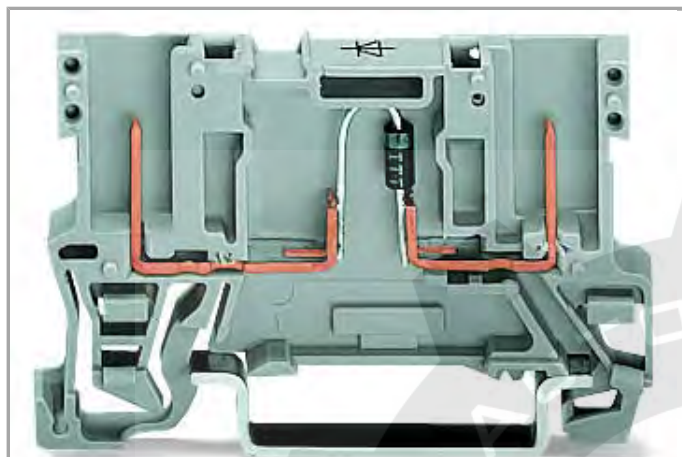


Data sheet | Item number: 769-228/281-411

2-pin component carrier block; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²



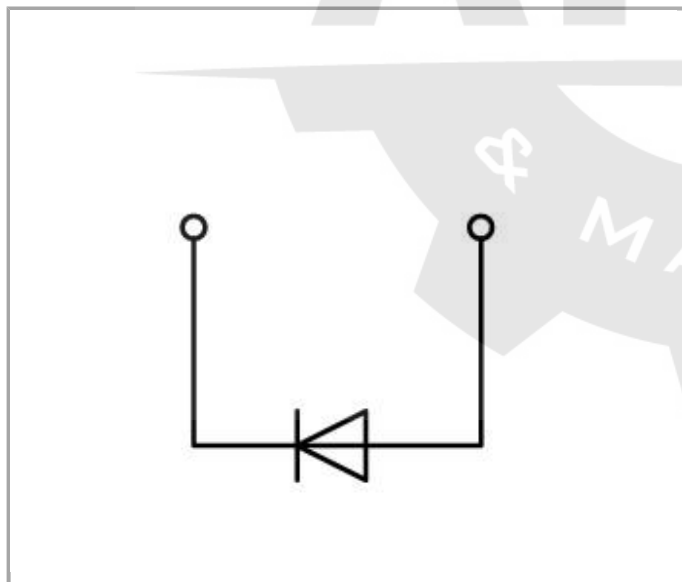
769-228/281-411



RoHS Compliant

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

Color:



Data

Electrical data

Nominal voltage	250 V
Reverse voltage	1000 V

Ratings per IEC/EN 60664-1

Rated current	0.5 A
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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	4.84 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4045454619442
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-7626
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144



KEMA/KEUR
 DEKRA Certification B.V.

EN 60947

2190419.01

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA

Compatible products

assembling

	Item no.: 209-106 Mounting carrier; for isolated mounting on DIN 35 rails	209-106
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General accessories

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

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

769-512

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

/000-006

769-512

**Item no.: 769-512/000-016**Start module for 1-conductor female connector; angled; 4 mm²; 1-pole

/000-016

769-512

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

769-513

**Item no.: 769-513/000-006**

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

/000-006

769-513

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

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

/000-016

769-513

**Item no.: 769-515**

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

769-515

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

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

/000-006

769-515

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

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

/000-016

769-515

Marking accessories**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	2009-145
	/000-023	
	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
	/000-024	
	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
	/000-002	
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-005	
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-006	
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-007	
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-012	
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-017	
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-023	
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
	/000-024	
tools		
	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720
Female plug		
	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole	769-101
	Item no.: 769-101/000-006 1-conductor female plug; 4 mm ² ; 1-pole	769-101
	/000-006	
	Item no.: 769-101/000-016 1-conductor female plug; 4 mm ² ; 1-pole	769-101
	/000-016	

	Item no.: 769-101/022-000 1-conductor female plug; angled; 4 mm²; 1-pole	/022-000	769-101
	Item no.: 769-101/022-016 1-conductor female plug; angled; 4 mm²; 1-pole	/022-016	769-101
	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	/000-006	769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm²; 2-pole	/000-036	769-102
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm²; 2-pole	/000-037	769-102
	Item no.: 769-102/022-000 1-conductor female plug; angled; 4 mm²; 2-pole	/022-000	769-102
	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	/000-006	769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm²; 3-pole	/000-036	769-103
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm²; 3-pole	/000-037	769-103
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm²; 3-pole	/000-038	769-103
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm²; 3-pole	/000-039	769-103
	Item no.: 769-103/022-000 1-conductor female plug; angled; 4 mm²; 3-pole	/022-000	769-103
	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 mm ² ; 6-pole	/000-036	769-106
	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 mm²; 8-pole

/000-037/

769-108

**Item no.: 769-108/000-038**

1-conductor female plug; 4 mm²; 8-pole

/000-038

769-108

**Item no.: 769-108/000-039**

1-conductor female plug; 4 mm²; 8-pole

/000-039

769-108

**Item no.: 769-108/022-000**

1-conductor female plug; angled; 4 mm²; 8-pole

/022-000

769-108

**Item no.: 769-109**

1-conductor female plug; 4 mm²; 9-pole

/000-000

769-109

**Item no.: 769-109/000-006**

1-conductor female plug; 4 mm²; 9-pole

/000-006

769-109

**Item no.: 769-109/000-036**

1-conductor female plug; 4 mm²; 9-pole

/000-036

769-109

**Item no.: 769-109/000-037**

1-conductor female plug; 4 mm²; 9-pole

/000-037

769-109

**Item no.: 769-109/000-038**

1-conductor female plug; 4 mm²; 9-pole

/000-038

769-109

**Item no.: 769-109/000-039**

1-conductor female plug; 4 mm²; 9-pole

/000-039

769-109

**Item no.: 769-109/022-000**

1-conductor female plug; angled; 4 mm²; 9-pole

/022-000

769-109

**Item no.: 769-110**

1-conductor female plug; 4 mm²; 10-pole

/000-000

769-110

**Item no.: 769-110/000-006**

1-conductor female plug; 4 mm²; 10-pole

/000-006

769-110

**Item no.: 769-110/000-036**

1-conductor female plug; 4 mm²; 10-pole

/000-036

769-110

**Item no.: 769-110/000-037**

1-conductor female plug; 4 mm²; 10-pole

/000-037

769-110

	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole	/000-038	769-110
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm ² ; 10-pole	/000-039	769-110
	Item no.: 769-110/022-000 1-conductor female plug; angled; 4 mm ² ; 10-pole	/022-000	769-110
	Item no.: 769-111 1-conductor female plug; 4 mm ² ; 11-pole		769-111
	Item no.: 769-111/000-006 1-conductor female plug; 4 mm ² ; 11-pole	/000-006	769-111
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm ² ; 11-pole	/000-036	769-111
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm ² ; 11-pole	/000-037	769-111
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm ² ; 11-pole	/000-038	769-111
	Item no.: 769-111/000-039 1-conductor female plug; 4 mm ² ; 11-pole	/000-039	769-111
	Item no.: 769-111/022-000 1-conductor female plug; angled; 4 mm ² ; 11-pole	/022-000	769-111
	Item no.: 769-112 1-conductor female plug; 4 mm ² ; 12-pole		769-112
	Item no.: 769-112/000-006 1-conductor female plug; 4 mm ² ; 12-pole	/000-006	769-112
	Item no.: 769-112/000-036 1-conductor female plug; 4 mm ² ; 12-pole	/000-036	769-112
	Item no.: 769-112/000-037 1-conductor female plug; 4 mm ² ; 12-pole	/000-037	769-112
	Item no.: 769-112/000-038 1-conductor female plug; 4 mm ² ; 12-pole	/000-038	769-112



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

/000-039

769-112



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

/022-000

769-112



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

/000-036

769-113



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

/000-037

769-113



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

/000-038

769-113



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

/000-039

769-113



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

/022-000

769-113



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

/000-006

769-114



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

/000-036

769-114



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

/000-037

769-114



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

/000-038

769-114



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

/000-039

769-114



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

/022-000

769-114

	Item no.: 769-115 1-conductor female plug; 4 mm ² ; 15-pole	769-115
	Item no.: 769-115/000-036 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-036
	Item no.: 769-115/000-037 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-037
	Item no.: 769-115/000-038 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-038
	Item no.: 769-115/000-039 1-conductor female plug; 4 mm ² ; 15-pole	769-115 /000-039
	Item no.: 769-115/022-000 1-conductor female plug; angled; 4 mm ² ; 15-pole	769-115 /022-000
	Item no.: 769-121 2-conductor female connector; 4 mm ² ; 1-pole	769-121
	Item no.: 769-121/000-016 2-conductor female connector; 4 mm ² ; 1-pole	769-121 /000-016
	Item no.: 769-122 2-conductor female connector; 4 mm ² ; 2-pole	769-122
	Item no.: 769-123 2-conductor female connector; 4 mm ² ; 3-pole	769-123
	Item no.: 769-124 2-conductor female connector; 4 mm ² ; 4-pole	769-124
	Item no.: 769-125 2-conductor female connector; 4 mm ² ; 5-pole	769-125
	Item no.: 769-126 2-conductor female connector; 4 mm ² ; 6-pole	769-126
	Item no.: 769-127 2-conductor female connector; 4 mm ² ; 7-pole	769-127
	Item no.: 769-128 2-conductor female connector; 4 mm ² ; 8-pole	769-128
	Item no.: 769-129 2-conductor female connector; 4 mm ² ; 9-pole	769-129
	Item no.: 769-130 2-conductor female connector; 4 mm ² ; 10-pole	769-130
	Item no.: 769-131 2-conductor female connector; 4 mm ² ; 11-pole	769-131



Item no.: 769-132
2-conductor female connector; 4 mm²; 12-pole

769-132



Item no.: 769-133
2-conductor female connector; 4 mm²; 13-pole

769-133



Item no.: 769-134
2-conductor female connector; 4 mm²; 14-pole

769-134



Item no.: 769-135
2-conductor female connector; 4 mm²; 15-pole

769-135

Jumper



Item no.: 249-123
Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm²

249-123



Item no.: 249-125
Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²

249-125



Item no.: 249-126
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²

249-126



Item no.: 249-127
Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²

249-127

Coding



Item no.: 769-435
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

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



Item no.: 769-310
End and intermediate plate; 1.1 mm thick

769-310



Item no.: 769-313
Separator plate; 1.1 mm thick; oversized

769-313

check



Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable

210-137

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

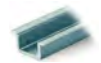
210-114

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

210-115

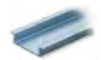


mm

**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

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