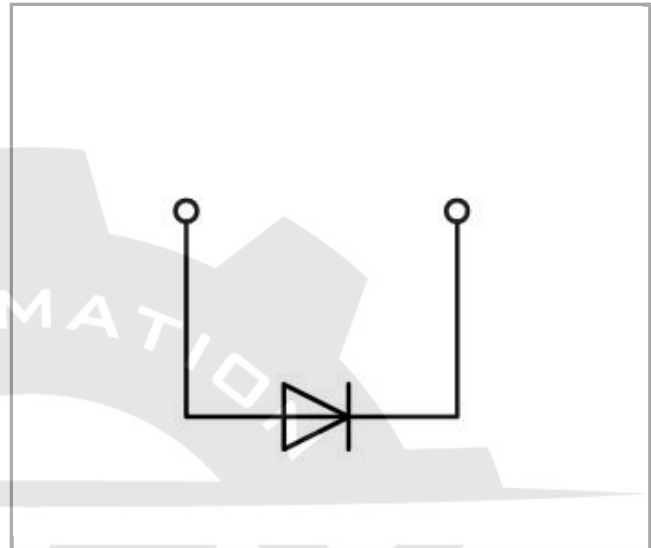
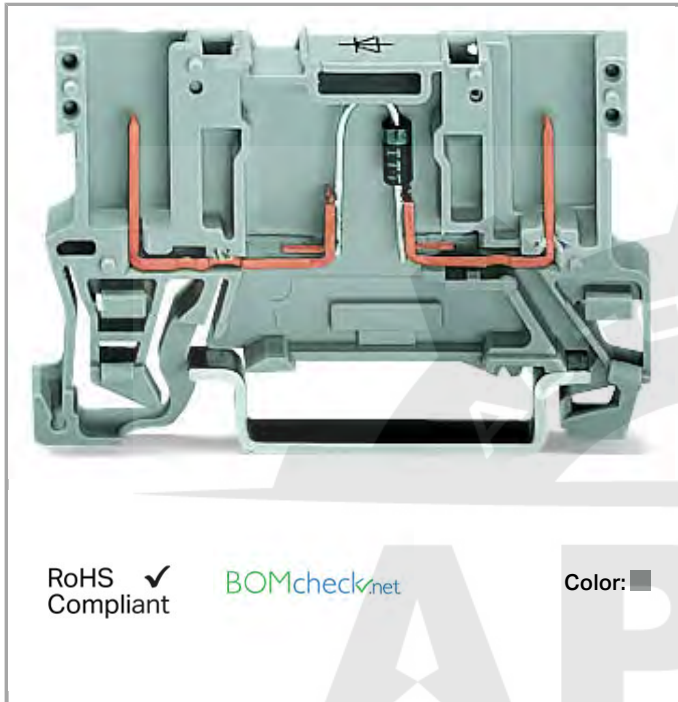


Data sheet | Item number: 769-228/281-410

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



769-228/281-410



RoHS
Compliant

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	4045454619428
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

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

	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 mm²; 6-pole	769-106 /000-037
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-038
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm²; 6-pole	769-106 /000-039

**Item no.: 769-106/022-000**1-conductor female plug; angled; 4 mm²; 6-pole

769-106

/022-000

**Item no.: 769-107**1-conductor female plug; 4 mm²; 7-pole

769-107

**Item no.: 769-107/000-006**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-006

**Item no.: 769-107/000-036**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-036

**Item no.: 769-107/000-037**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-037

**Item no.: 769-107/000-038**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-038

**Item no.: 769-107/000-039**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-039

**Item no.: 769-107/022-000**1-conductor female plug; angled; 4 mm²; 7-pole

769-107

/022-000

**Item no.: 769-108**1-conductor female plug; 4 mm²; 8-pole

769-108

**Item no.: 769-108/000-006**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-006

**Item no.: 769-108/000-036**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-036

**Item no.: 769-108/000-037**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-037

**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 mm ² ; 9-pole		769-109
	Item no.: 769-109/000-006 1-conductor female plug; 4 mm ² ; 9-pole	/000-006	769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm ² ; 9-pole	/000-036	769-109
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole	/000-037	769-109
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole	/000-038	769-109
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole	/000-039	769-109
	Item no.: 769-109/022-000 1-conductor female plug; angled; 4 mm ² ; 9-pole	/022-000	769-109
	Item no.: 769-110 1-conductor female plug; 4 mm ² ; 10-pole		769-110
	Item no.: 769-110/000-006 1-conductor female plug; 4 mm ² ; 10-pole	/000-006	769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm ² ; 10-pole	/000-036	769-110
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 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 mm ² ; 12-pole	/000-039	769-112
	Item no.: 769-112/022-000 1-conductor female plug; angled; 4 mm ² ; 12-pole	/022-000	769-112
	Item no.: 769-113 1-conductor female plug; 4 mm ² ; 13-pole		769-113
	Item no.: 769-113/000-036 1-conductor female plug; 4 mm ² ; 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 mm²; 15-pole		769-115
	Item no.: 769-115/000-036 1-conductor female plug; 4 mm²; 15-pole	/000-036	769-115
	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



Item no.: 769-121
2-conductor female connector; 4 mm²; 1-pole

769-121



Item no.: 769-121/000-016
2-conductor female connector; 4 mm²; 1-pole

/000-016

769-121



Item no.: 769-122
2-conductor female connector; 4 mm²; 2-pole

769-122



Item no.: 769-123
2-conductor female connector; 4 mm²; 3-pole

769-123



Item no.: 769-124
2-conductor female connector; 4 mm²; 4-pole

769-124



Item no.: 769-125
2-conductor female connector; 4 mm²; 5-pole

769-125



Item no.: 769-126
2-conductor female connector; 4 mm²; 6-pole

769-126



Item no.: 769-127
2-conductor female connector; 4 mm²; 7-pole

769-127



Item no.: 769-128
2-conductor female connector; 4 mm²; 8-pole

769-128



Item no.: 769-129
2-conductor female connector; 4 mm²; 9-pole

769-129



Item no.: 769-130
2-conductor female connector; 4 mm²; 10-pole

769-130



Item no.: 769-131
2-conductor female connector; 4 mm²; 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

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	769-501 /000-016
	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 /000-006
	Item no.: 769-502/000-016 Center module for 1-conductor female connector; 4 mm ² ; 1-pole	769-502 /000-016
	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 /000-006
	Item no.: 769-503/000-016 End module for 1-conductor female connector; 4 mm ² ; 1-pole	769-503 /000-016
	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 /000-006
	Item no.: 769-504/000-016 Start module for 2-conductor female connector; 4 mm ² ; 1-pole	769-504 /000-016
	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 /000-006
	Item no.: 769-505/000-016 Center module for 2-conductor female connector; 4 mm ² ; 1-pole	769-505 /000-016
	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 /000-006
	Item no.: 769-506/000-016 End module for 2-conductor female connector; 4 mm ² ; 1-pole	769-506 /000-016
	Item no.: 769-512 Start module for 1-conductor female connector; angled; 4 mm ² ; 1-pole	769-512
	Item no.: 769-512/000-006 Start module for 1-conductor female connector; angled; 4 mm ² ; 1-pole	769-512 /000-006
	Item no.: 769-512/000-016 Start module for 1-conductor female connector; angled; 4 mm ² ; 1-pole	769-512 /000-016
	Item no.: 769-513 Center module for 1-conductor female connector; angled; 4 mm ² ; 1-pole	769-513
	Item no.: 769-513/000-006 1-conductor center module; angled; codable; 1-pole	769-513 /000-006
	Item no.: 769-513/000-016 1-conductor center module; angled; codable; 1-pole	769-513 /000-016
	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	769-515 /000-006
	Item no.: 769-515/000-016 1-conductor end module; angled; codable; 1-pole	769-515 /000-016

Coding

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

248-501

/000-024

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**

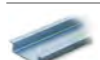
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

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

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

Mounting carrier; for isolated mounting on DIN 35 rails

209-106

tools**Item no.: 210-720**

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

check**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable

210-137



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Documentation
Bid Text

769-228/281-410	doc 23.6 kB	Download
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CAD/CAE - Smart Data
CAD data

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Product family

- X-COM
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Subject to changes.