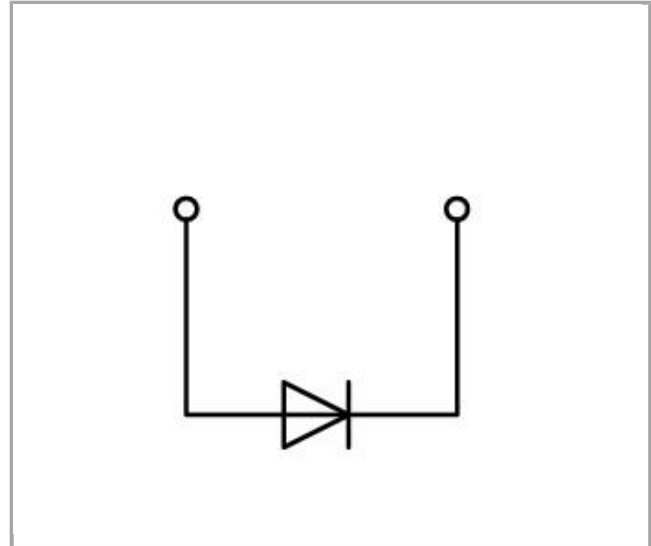
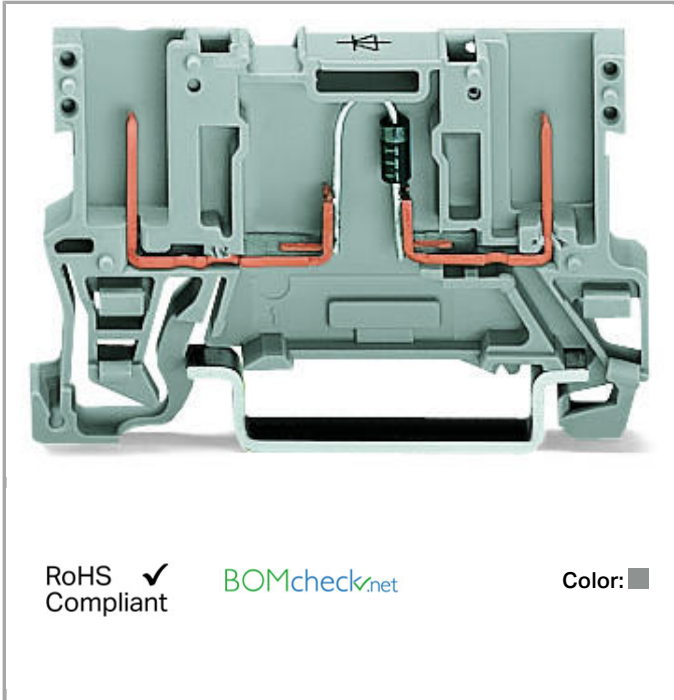


Data sheet | Item number: 769-228/281-410

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



Data

Electrical data

Nominal voltage	250 V
Reverse voltage	1000 V

Ratings per IEC/EN 60664-1

Rated current	0.5 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	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 mm ² ; 2-pole	/000-036	769-102
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole	/000-037	769-102
	Item no.: 769-102/022-000 1-conductor female plug; angled; 4 mm ² ; 2-pole	/022-000	769-102
	Item no.: 769-103 1-conductor female plug; 4 mm ² ; 3-pole		769-103
	Item no.: 769-103/000-006 1-conductor female plug; 4 mm ² ; 3-pole	/000-006	769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm ² ; 3-pole	/000-036	769-103
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole	/000-037	769-103
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole	/000-038	769-103
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole	/000-039	769-103
	Item no.: 769-103/022-000 1-conductor female plug; angled; 4 mm ² ; 3-pole	/022-000	769-103
	Item no.: 769-104 1-conductor female plug; 4 mm ² ; 4-pole		769-104
	Item no.: 769-104/000-006 1-conductor female plug; 4 mm ² ; 4-pole	/000-006	769-104
	Item no.: 769-104/000-036 1-conductor female plug; 4 mm ² ; 4-pole	/000-036	769-104
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole	/000-037	769-104
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole	/000-038	769-104



















	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole	/000-039	769-104
	Item no.: 769-104/022-000 1-conductor female plug; angled; 4 mm ² ; 4-pole	/022-000	769-104
	Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole		769-105
	Item no.: 769-105/000-006 1-conductor female plug; 4 mm ² ; 5-pole	/000-006	769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole	/000-036	769-105
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole	/000-037	769-105
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole	/000-038	769-105
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole	/000-039	769-105
	Item no.: 769-105/022-000 1-conductor female plug; angled; 4 mm ² ; 5-pole	/022-000	769-105
	Item no.: 769-106 1-conductor female plug; 4 mm ² ; 6-pole		769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm ² ; 6-pole	/000-006	769-106
	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		769-106
		/022-000	
	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		769-107
		/000-006	
	Item no.: 769-107/000-036 1-conductor female plug; 4 mm ² ; 7-pole		769-107
		/000-036	
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm ² ; 7-pole		769-107
		/000-037	
	Item no.: 769-107/000-038 1-conductor female plug; 4 mm ² ; 7-pole		769-107
		/000-038	
	Item no.: 769-107/000-039 1-conductor female plug; 4 mm ² ; 7-pole		769-107
		/000-039	
	Item no.: 769-107/022-000 1-conductor female plug; angled; 4 mm ² ; 7-pole		769-107
		/022-000	
	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		769-108
		/000-006	
	Item no.: 769-108/000-036 1-conductor female plug; 4 mm ² ; 8-pole		769-108
		/000-036	
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm ² ; 8-pole		769-108
		/000-037	
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm ² ; 8-pole		769-108
		/000-038	
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm ² ; 8-pole		769-108
		/000-039	
	Item no.: 769-108/022-000 1-conductor female plug; angled; 4 mm ² ; 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	769-111 /000-006
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm ² ; 11-pole	769-111 /000-036
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm ² ; 11-pole	769-111 /000-037
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm ² ; 11-pole	769-111 /000-038
	Item no.: 769-111/000-039 1-conductor female plug; 4 mm ² ; 11-pole	769-111 /000-039
	Item no.: 769-111/022-000 1-conductor female plug; angled; 4 mm ² ; 11-pole	769-111 /022-000
	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	769-112 /000-006
	Item no.: 769-112/000-036 1-conductor female plug; 4 mm ² ; 12-pole	769-112 /000-036
	Item no.: 769-112/000-037 1-conductor female plug; 4 mm ² ; 12-pole	769-112 /000-037
	Item no.: 769-112/000-038 1-conductor female plug; 4 mm ² ; 12-pole	769-112 /000-038
	Item no.: 769-112/000-039 1-conductor female plug; 4 mm ² ; 12-pole	769-112 /000-039
	Item no.: 769-112/022-000 1-conductor female plug; angled; 4 mm ² ; 12-pole	769-112 /022-000
	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	769-113 /000-036

















	Item no.: 769-113/000-037 1-conductor female plug; 4 mm ² ; 13-pole	/000-037	769-113
	Item no.: 769-113/000-038 1-conductor female plug; 4 mm ² ; 13-pole	/000-038	769-113
	Item no.: 769-113/000-039 1-conductor female plug; 4 mm ² ; 13-pole	/000-039	769-113
	Item no.: 769-113/022-000 1-conductor female plug; angled; 4 mm ² ; 13-pole	/022-000	769-113
	Item no.: 769-114 1-conductor female plug; 4 mm ² ; 14-pole		769-114
	Item no.: 769-114/000-006 1-conductor female plug; 4 mm ² ; 14-pole	/000-006	769-114
	Item no.: 769-114/000-036 1-conductor female plug; 4 mm ² ; 14-pole	/000-036	769-114
	Item no.: 769-114/000-037 1-conductor female plug; 4 mm ² ; 14-pole	/000-037	769-114
	Item no.: 769-114/000-038 1-conductor female plug; 4 mm ² ; 14-pole	/000-038	769-114
	Item no.: 769-114/000-039 1-conductor female plug; 4 mm ² ; 14-pole	/000-039	769-114
	Item no.: 769-114/022-000 1-conductor female plug; angled; 4 mm ² ; 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	/000-036	769-115
	Item no.: 769-115/000-037 1-conductor female plug; 4 mm ² ; 15-pole	/000-037	769-115
	Item no.: 769-115/000-038 1-conductor female plug; 4 mm ² ; 15-pole	/000-038	769-115
















	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 mm ² ; 12-pole	769-132
	Item no.: 769-133 2-conductor female connector; 4 mm ² ; 13-pole	769-133
	Item no.: 769-134 2-conductor female connector; 4 mm ² ; 14-pole	769-134
	Item no.: 769-135 2-conductor female connector; 4 mm ² ; 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
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	/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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