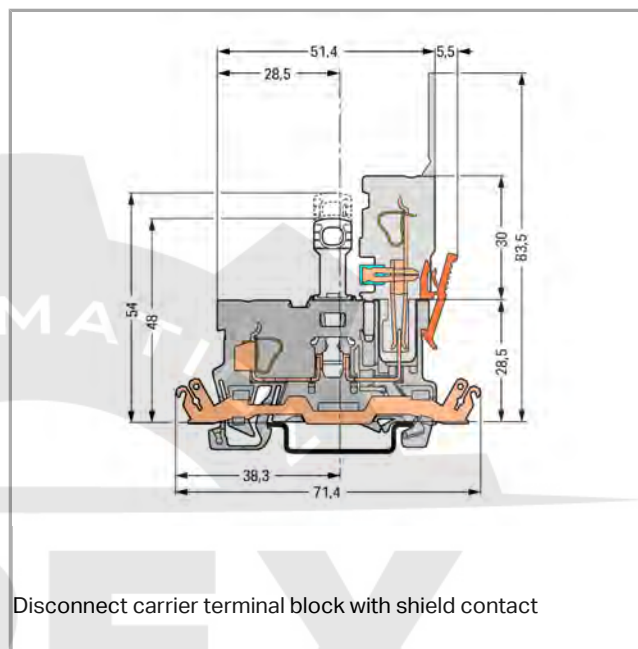
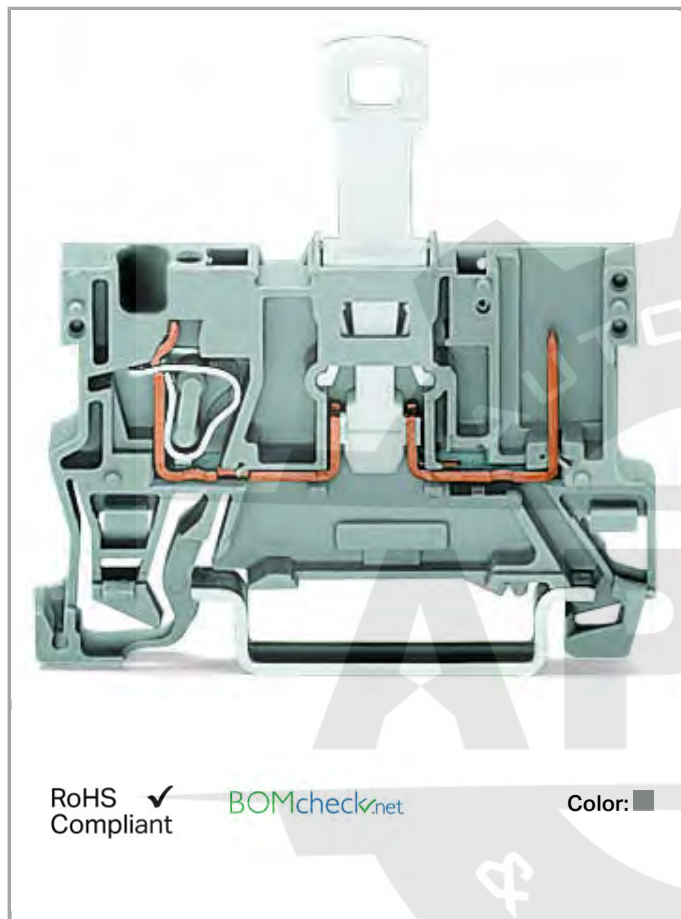


Data sheet | Item number: 769-233

1-conductor/1-pin disconnect carrier terminal block; with shield contact; for
DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®



769-233



RoHS ☒ Compliant

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

Color: ☐

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	4 mm ²

Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Total number of connection points	1
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	71.5 mm / 2.815 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	0.116 MJ
Weight	7.736 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821107422
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

Logo	Approval	Additional Approval Text	Certificate 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

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

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	/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 mm ² ; 4-pole	769-104 /000-039
	Item no.: 769-104/022-000 1-conductor female plug; angled; 4 mm ² ; 4-pole	769-104 /022-000
	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	769-105 /000-006
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-036
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-039
	Item no.: 769-105/022-000 1-conductor female plug; angled; 4 mm ² ; 5-pole	769-105 /022-000
	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	769-106 /000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-036
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-037
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-038
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm ² ; 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 mm²; 9-pole

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

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 mm²; 10-pole

/000-038

769-110

**Item no.: 769-110/000-039**

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

/000-039

769-110

**Item no.: 769-110/022-000**

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

/022-000

769-110

**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

/000-006

769-111



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

/000-036

769-111



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

/000-037

769-111



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

/000-038

769-111



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

/000-039

769-111



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

/022-000

769-111



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

/000-006

769-112



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

/000-036

769-112



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

/000-037

769-112



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

769-115

/000-039



Item no.: 769-115/022-000
1-conductor female plug; angled; 4 mm²; 15-pole

769-115

/022-000

check



Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable

210-136



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

210-137

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

assembling



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

209-106

ferrule



Item no.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

216-101



Item no.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

216-102



Item no.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

216-103



Item no.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

216-104



Item no.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated

216-201



Item no.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated

216-202



Item no.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated

216-203



Item no.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated

216-204

Item no.: 216-206



Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated

216-206

Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated

216-301

**Item no.: 216-302**

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated

216-302

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 mm²; 1-pole

769-501

**Item no.: 769-501/000-006**

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

/000-006

769-501

**Item no.: 769-501/000-016**

Start module for 1-conductor female connector; with integrated end plate; 4 mm²; 1-pole

/000-016

769-501

**Item no.: 769-502**

Center module for 1-conductor female connector; 4 mm²; 1-pole

769-502

**Item no.: 769-502/000-006**

Center module for 1-conductor female connector; 4 mm²; 1-pole

/000-006

769-502

**Item no.: 769-502/000-016**

Center module for 1-conductor female connector; 4 mm²; 1-pole

/000-016

769-502

**Item no.: 769-503**

End module for 1-conductor female connector; 4 mm²; 1-pole

769-503

**Item no.: 769-503/000-006**

End module for 1-conductor female connector; 4 mm²; 1-pole

/000-006

769-503

**Item no.: 769-503/000-016**

End module for 1-conductor female connector; 4 mm²; 1-pole

/000-016

769-503

**Item no.: 769-504**

Start module for 2-conductor female connector; with integrated end plate; 4 mm²; 1-pole

769-504

**Item no.: 769-504/000-006**

Start module for 2-conductor female connector; with integrated end plate; 4 mm²; 1-pole

/000-006

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 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
	Item no.: 769-512/000-016 Start module for 1-conductor female connector; angled; 4 mm ² ; 1-pole	769-512
	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
	Item no.: 769-513/000-016 1-conductor center module; angled; codable; 1-pole	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	769-515
	Item no.: 769-515/000-016 1-conductor end module; angled; codable; 1-pole	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	/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

/000-024

248-501

Protective Warning Marker



Item no.: 280-415

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

280-415

Insulation stop



Item no.: 769-470

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip

769-470



Item no.: 769-471

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

769-471



Item no.: 769-472

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

769-472

Coding



Item no.: 769-435

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

769-435

End plate



Item no.: 769-307

End and intermediate plate; 1.1 mm thick

769-307



Item no.: 769-308

End and intermediate plate; 1.1 mm thick

769-308

tools



Item no.: 210-720

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

210-720

Downloads

Documentation

Bid Text

769-233

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