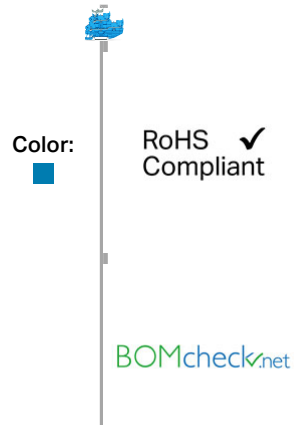


Data sheet | Item number: 2020-2204

1-conductor/1-pin double deck receptacle terminal block; Through/through terminal block; N/N; without marker carrier; suitable for Ex i applications; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®



2020-2204



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	13.5 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	15 A

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
-----------------------	---------------------



Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
Nominal cross section	1 mm ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
Total number of connection points	2
Total number of potentials	2
Number of levels	2
Type of wiring	Front-entry wiring

Geometrical Data

Width	3.5 mm / 0.138 inch
Height from upper-edge of DIN-35 rail	51.3 mm / 2.02 inch
Depth	80.1 mm / 3.154 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Potential marking	N/N
Marking level	Side marking

Material Data





Color	blue
Insulating material	Polyamide 66 (PA 66)
Fire load	0.188 MJ
Weight	8.5 g

Commercial data





Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821049487
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 7617
	CSA DEKRA Certification B.V.	C22.2 No. 158	2516073
	CSA DEKRA Certification B.V.	C22.2 No. 158	2516073
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 100670

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172
	UL Underwriters Laboratories Inc.	UL 1059	E45172



Compatible products

Coding



Item no.: 2020-100

Carrier with 6 coding pins; for coding of female plugs; for carrier terminal blocks

2020-100

Marking accessories



Item no.: 2009-110

Marking strips; on reel; not stretchable; plain; snap-on type

2009-110



Item no.: 2009-113

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113



Item no.: 2009-113/000-002

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-002

2009-113



Item no.: 2009-113/000-005

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-005

2009-113



Item no.: 2009-113/000-006

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-006

2009-113



Item no.: 2009-113/000-007

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-007

2009-113



Item no.: 2009-113/000-012

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-012

2009-113



Item no.: 2009-113/000-017

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-017






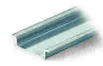






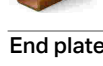




2009-113



















Item no.: 2009-113/000-023

















WMB-Inline; for Smart Printer; on reel; plain; snap-on type


















/000-023







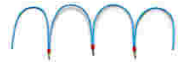







2009-113











			
	Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-024	2009-113
	Item no.: 793-3501 WMB marking card; as card; plain; snap-on type		793-3501
Protective Warning Marker			
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks		2000-115
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.: 210-162 Steel carrier rail; 35 x 7.5 mm; slotted; 1 mm thick		210-162
	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
End plate			
	Item no.: 2020-2291 End and intermediate plate; 1 mm thick	2291	2020-
	Item no.: 2020-2292 End and intermediate plate; 1 mm thick	2292	2020-
General accessories			
	Item no.: 2000-121 Adaptor		2000-121
	Item no.: 2020-161 Start module for 1-conductor female connector; with integrated end plate; 1.5 mm ² ; 1-pole		2020-161














	Item no.: 2020-164 Start module for 1-conductor female connector; with integrated end plate; 1.5 mm ² ; 1-pole		2020-164
	Item no.: 2020-167 Start module for 1-conductor female connector; 1.5 mm ² ; 1-pole		2020-167
	Item no.: 2020-181 End module for 1-conductor female connector; 1.5 mm ² ; 1-pole		2020-181
	Item no.: 2020-184 End module for 1-conductor female connector; 1.5 mm ² ; 1-pole		2020-184
	Item no.: 2020-187 End module for 1-conductor female connector; 1.5 mm ² ; 1-pole		2020-187
	Item no.: 2020-261 Start module for 2-conductor female connector; with integrated end plate; 1.5 mm ² ; 1-pole		2020-261
	Item no.: 2020-264 Start module for 2-conductor female connector; with integrated end plate; 1.5 mm ² ; 1-pole		2020-264
	Item no.: 2020-267 Start module for 2-conductor female connector; 1.5 mm ² ; 1-pole		2020-267
	Item no.: 2020-281 End module for 2-conductor female connector; 1.5 mm ² ; 1-pole		2020-281
	Item no.: 2020-284 End module for 2-conductor female connector; 1.5 mm ² ; 1-pole		2020-284
	Item no.: 2020-287 End module for 2-conductor female connector; 1.5 mm ² ; 1-pole		2020-287
Jumper			
	Item no.: 2000-402 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A		2000-402
	Item no.: 2000-402/000-005 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	/000-005	2000-402
	Item no.: 2000-402/000-006 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	/000-006	2000-402
	Item no.: 2000-402/000-018 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	/000-018	2000-402
	Item no.: 2000-403 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A		2000-403
	Item no.: 2000-403/000-005 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A	/000-005	2000-403
	Item no.: 2000-403/000-006 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A	/000-006	2000-403










	Item no.: 2000-404 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	2000-404
	Item no.: 2000-404/000-005 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	2000-404 /000-005
	Item no.: 2000-404/000-006 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	2000-404 /000-006
	Item no.: 2000-405 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	2000-405
	Item no.: 2000-405/000-005 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	2000-405 /000-005
	Item no.: 2000-405/000-006 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	2000-405 /000-006
	Item no.: 2000-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block	2000-405 /011-000
	Item no.: 2000-406 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	2000-406
	Item no.: 2000-406/000-005 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	2000-406 /000-005
	Item no.: 2000-406/000-006 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	2000-406 /000-006
	Item no.: 2000-406/020-000 Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block	2000-406 /020-000
	Item no.: 2000-407 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	2000-407
	Item no.: 2000-407/000-005 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	2000-407 /000-005
	Item no.: 2000-407/000-006 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	2000-407 /000-006
	Item no.: 2000-408 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	2000-408
	Item no.: 2000-408/000-005 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	2000-408 /000-005










	Item no.: 2000-408/000-006 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	2000-408
	Item no.: 2000-409 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	2000-409
	Item no.: 2000-409/000-005 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	2000-409
	Item no.: 2000-409/000-006 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	2000-409
	Item no.: 2000-410 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	2000-410
	Item no.: 2000-410/000-005 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	2000-410
	Item no.: 2000-410/000-006 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	2000-410
	Item no.: 2000-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	2000-433
	Item no.: 2000-433/000-005 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	2000-433
	Item no.: 2000-433/000-006 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	2000-433
	Item no.: 2000-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 14 A	2000-434
	Item no.: 2000-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 14 A	2000-435
	Item no.: 2000-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 14 A	2000-436
	Item no.: 2000-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 14 A	2000-437
	Item no.: 2000-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 14 A	2000-438
	Item no.: 2000-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 14 A	2000-439
	Item no.: 2000-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 14 A	2000-440
	Item no.: 2000-492	










	Double-deck vertical jumper; insulated		2000-492
	Item no.: 2002-492/000-012 Double-deck vertical jumper; insulated	/000-012	2002-492
	Item no.: 2009-402 Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²; suitable for 2000 and 2020 Series rail-mounted terminal blocks		2009-402
	Item no.: 2009-404 Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²; suitable for 2000 and 2020 Series rail-mounted terminal blocks		2009-404
	Item no.: 2009-406 Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²; suitable for 2000 and 2020 Series rail-mounted terminal blocks		2009-406
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections		210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections		210-123
ferrule			
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-243
tools			
	Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short		210-647
	Item no.: 210-648 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled		210-648
	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm		210-719
Female plug			
	Item no.: 2020-102 1-conductor female plug; 1.5 mm²; 2-pole		2020-102
	Item no.: 2020-102/122-000 1-conductor female plug; Locking lever; 1.5 mm²; 2-pole	/122-000	2020-102
	Item no.: 2020-102/132-000 1-conductor female plug; Strain relief plate; 1.5 mm²; 2-pole	/132-000	2020-102










	Item no.: 2020-102/142-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 2-pole		2020-102
		/ 142-000	
	Item no.: 2020-103 1-conductor female plug; 1.5 mm ² ; 3-pole		2020-103
	Item no.: 2020-103/000-036 1-conductor female plug; 1.5 mm ² ; 3-pole	/ 000-036	2020-103
	Item no.: 2020-103/000-037 1-conductor female plug; 1.5 mm ² ; 3-pole	/ 000-037	2020-103
	Item no.: 2020-103/000-038 1-conductor female plug; 1.5 mm ² ; 3-pole	/ 000-038	2020-103
	Item no.: 2020-103/000-039 1-conductor female plug; 1.5 mm ² ; 3-pole	/ 000-039	2020-103
	Item no.: 2020-103/122-000 1-conductor female plug; Locking lever; 1.5 mm ² ; 3-pole	/ 122-000	2020-103
	Item no.: 2020-103/132-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 3-pole	/ 132-000	2020-103
	Item no.: 2020-103/142-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 3-pole	/ 142-000	2020-103
	Item no.: 2020-104 1-conductor female plug; 1.5 mm ² ; 4-pole		2020-104
	Item no.: 2020-104/000-036 1-conductor female plug; 1.5 mm ² ; 4-pole	/ 000-036	2020-104
	Item no.: 2020-104/000-037 1-conductor female plug; 1.5 mm ² ; 4-pole	/ 000-037	2020-104
	Item no.: 2020-104/000-038 1-conductor female plug; 1.5 mm ² ; 4-pole	/ 000-038	2020-104
	Item no.: 2020-104/000-039 1-conductor female plug; 1.5 mm ² ; 4-pole	/ 000-039	2020-104
	Item no.: 2020-104/124-000 1-conductor female plug; Locking lever; 1.5 mm ² ; 4-pole	/ 124-000	2020-104










	Item no.: 2020-104/133-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 4-pole	/ 133-000	2020-104
	Item no.: 2020-104/143-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 4-pole	/ 143-000	2020-104
	Item no.: 2020-105 1-conductor female plug; 1.5 mm ² ; 5-pole		2020-105
	Item no.: 2020-105/000-036 1-conductor female plug; 1.5 mm ² ; 5-pole	/ 000-036	2020-105
	Item no.: 2020-105/000-037 1-conductor female plug; 1.5 mm ² ; 5-pole	/ 000-037	2020-105
	Item no.: 2020-105/000-038 1-conductor female plug; 1.5 mm ² ; 5-pole	/ 000-038	2020-105
	Item no.: 2020-105/000-039 1-conductor female plug; 1.5 mm ² ; 5-pole	/ 000-039	2020-105
	Item no.: 2020-105/124-000 1-conductor female plug; Locking lever; 1.5 mm ² ; 5-pole	/ 124-000	2020-105
	Item no.: 2020-105/133-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 5-pole	/ 133-000	2020-105
	Item no.: 2020-105/143-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 5-pole	/ 143-000	2020-105
	Item no.: 2020-106 1-conductor female plug; 1.5 mm ² ; 6-pole		2020-106
	Item no.: 2020-106/000-036 1-conductor female plug; 1.5 mm ² ; 6-pole	/ 000-036	2020-106
	Item no.: 2020-106/000-037 1-conductor female plug; 1.5 mm ² ; 6-pole	/ 000-037	2020-106
	Item no.: 2020-106/000-038 1-conductor female plug; 1.5 mm ² ; 6-pole	/ 000-038	2020-106
	Item no.: 2020-106/000-039 1-conductor female plug; 1.5 mm ² ; 6-pole	/ 000-039	2020-106










	Item no.: 2020-106/124-000 1-conductor female plug; Locking lever; 1.5 mm ² ; 6-pole		2020-106
		/ 124-000	
	Item no.: 2020-106/133-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 6-pole		2020-106
		/ 133-000	
	Item no.: 2020-106/143-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 6-pole		2020-106
		/ 143-000	
	Item no.: 2020-107 1-conductor female plug; 1.5 mm ² ; 7-pole		2020-107
	Item no.: 2020-107/000-036 1-conductor female plug; 1.5 mm ² ; 7-pole		2020-107
		/ 000-036	
	Item no.: 2020-107/000-037 1-conductor female plug; 1.5 mm ² ; 7-pole		2020-107
		/ 000-037	
	Item no.: 2020-107/000-038 1-conductor female plug; 1.5 mm ² ; 7-pole		2020-107
		/ 000-038	
	Item no.: 2020-107/000-039 1-conductor female plug; 1.5 mm ² ; 7-pole		2020-107
		/ 000-039	
	Item no.: 2020-107/124-000 1-conductor female plug; Locking lever; 1.5 mm ² ; 7-pole		2020-107
		/ 124-000	
	Item no.: 2020-107/134-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 7-pole		2020-107
		/ 134-000	
	Item no.: 2020-107/144-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 7-pole		2020-107
		/ 144-000	
	Item no.: 2020-108 1-conductor female plug; 1.5 mm ² ; 8-pole		2020-108
	Item no.: 2020-108/000-036 1-conductor female plug; 1.5 mm ² ; 8-pole		2020-108
		/ 000-036	
	Item no.: 2020-108/000-037 1-conductor female plug; 1.5 mm ² ; 8-pole		2020-108
		/ 000-037	
	Item no.: 2020-108/000-038 1-conductor female plug; 1.5 mm ² ; 8-pole		2020-108
		/ 000-038	













	Item no.: 2020-108/000-039 1-conductor female plug; 1.5 mm ² ; 8-pole	/000-039	2020-108
	Item no.: 2020-108/124-000 1-conductor female plug; Locking lever; 1.5 mm ² ; 8-pole	/124-000	2020-108
	Item no.: 2020-108/134-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 8-pole	/134-000	2020-108
	Item no.: 2020-108/144-000 1-conductor female plug; Strain relief plate; 1.5 mm ² ; 8-pole	/144-000	2020-108
	Item no.: 2020-109 1-conductor female plug; 1.5 mm ² ; 9-pole		2020-109
	Item no.: 2020-109/000-036 1-conductor female plug; 1.5 mm ² ; 9-pole	/000-036	2020-109
	Item no.: 2020-109/000-037 1-conductor female plug; 1.5 mm ² ; 9-pole	/000-037	2020-109
	Item no.: 2020-109/000-038 1-conductor female plug; 1.5 mm ² ; 9-pole	/000-038	2020-109
	Item no.: 2020-109/000-039 1-conductor female plug; 1.5 mm ² ; 9-pole	/000-039	2020-109
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







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
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





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






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Item no.: 2009-174		2009-174
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks		



Item no.: 2009-182		2009-182
Testing tap; for max. 2.5 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm		



Item no.: 859-500		859-500
Test pin; 1 mm Ø; with solder connection for test wire		

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