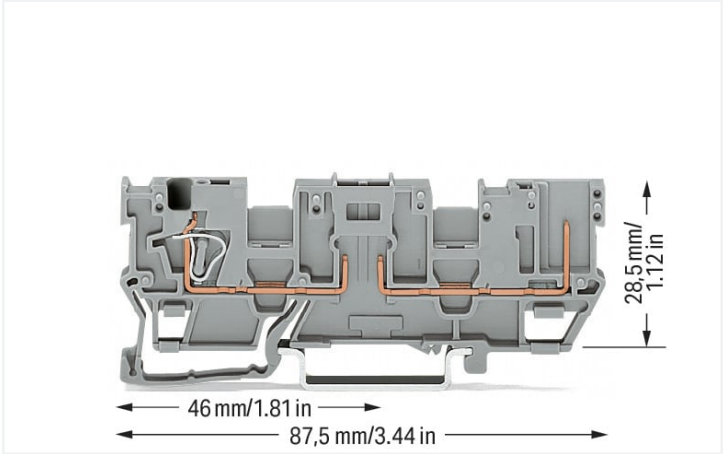


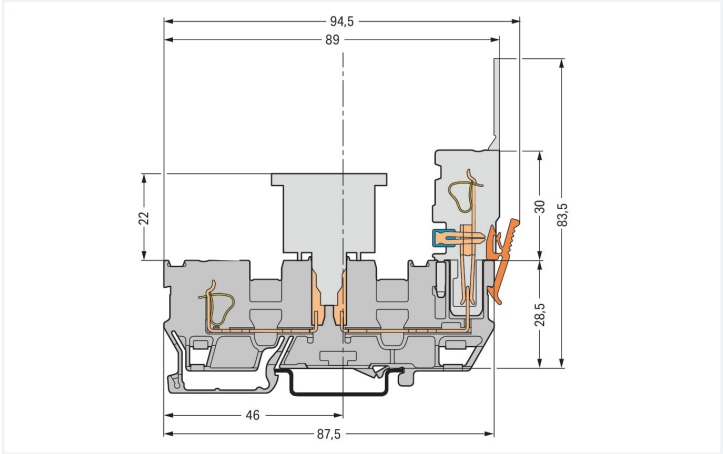
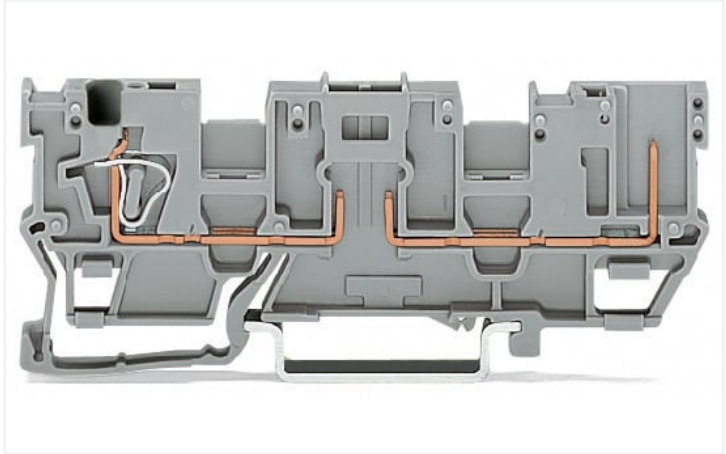
Data Sheet | Item Number: 769-181

1-conductor/1-pin carrier terminal block; with 2 jumper positions; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; CAGE CLAMP®; 4,00 mm²; gray

<https://www.wago.com/769-181>



Color: ■ gray



Carrier terminal block

Notes	
Safety information	2-conductor female plugs cannot be used.

Electrical data			
Ratings per IEC/EN		Power Loss	
Nominal voltage (III/3)	400 V	Power loss, per pole (potential)	0.256 W
Rated impulse voltage (III/3)	6 kV	Rated current I _N for specified power loss	16 A
Rated current	16 A	Resistance value for specified, current-dependent power loss	0.001 Ω
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3		

Connection data

Connection points	1
Total number of potentials	2
Number of levels	1

Connection 1

Connection technology	CAGE CLAMP®
Number of connection points	1
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm² / 12 AWG
Solid conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	2
Wiring direction	Front-entry wiring

Connection 2

Number of connection points 2	1
-------------------------------	---

Physical data

Width	5 mm / 0.197 inches
Height	87.5 mm / 3.445 inches
Depth from upper-edge of DIN-rail	28.5 mm / 1.122 inches

Mechanical data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center marking

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.168 MJ
Weight	8 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C



Commercial data		
Product Group	18 (X-COM-System)	
eCl@ss 10.0	27-14-11-20	
eCl@ss 9.0	27-14-11-20	
ETIM 8.0	EC000897	
ETIM 7.0	EC000897	
PU (SPU)	50 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4044918934725	
Customs tariff number	85366990990	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CSA CSA Group	C22.2	1101144	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01			
UL Underwriters Laboratories Inc.	UL 1977	E 45171			
UR Underwriters Laboratories Inc.	UL 1059	E45172			

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2



Downloads

Environmental Product Compliance

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Documentation

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Technical Section

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CAE data

EPLAN Data Portal 769-181

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WSCAD Universe 769-181

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ZUKEN Portal 769-181

Download icon

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

Item No.: 769-101

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray

1.2 Required Accessories

1.2.1 End plate

1.2.1.1 End plate

Item No.: 769-311

End and intermediate plate; 1.1 mm thick; gray

Item No.: 769-312

End and intermediate plate; 1.1 mm thick; orange



1.3 Optional Accessories

1.3.1 Coding

1.3.1.1 Coding



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

1.3.2 Cover

1.3.2.1 Cover



Item No.: 769-438
Pin cover; with marker slot for miniature WSB; gray



Item No.: 769-439
Pin cover; with marker slot for miniature WSB; orange

1.3.3 DIN-rail

1.3.3.1 Mounting accessories



Item No.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



Item No.: 210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored



Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



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; silver-colored



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; silver-colored



Item No.: 210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored



Item No.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



Item No.: 210-505
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

1.3.4 End plate

1.3.4.1 End plate



Item No.: 769-314
Separator plate; 1.1 mm thick; oversized; orange

1.3.5 Ferrule

1.3.5.1 Ferrule



Item No.: 216-301

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



Item No.: 216-302

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



Item No.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



Item No.: 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



Item No.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



Item No.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated



Item No.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item No.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored



Item No.: 216-206

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

1.3.6 Installation

1.3.6.1 Mounting accessories



Item No.: 209-106

Mounting carrier; for isolated mounting on DIN 35 rails; gray



Item No.: 249-116

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.3.7 Insulation stop

1.3.7.1 Insulation stop



Item No.: 769-470

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



Item No.: 769-471

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



Item No.: 769-472

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

1.3.8 Jumper

1.3.8.1 Jumper



Item No.: 280-402

Jumper; insulated; gray



Item No.: 280-409

Jumper; insulated; gray



Item No.: 780-452

Staggered jumper; from 1 to 2; insulated; gray



Item No.: 780-453

Staggered jumper; from 1 to 3; insulated; gray



Item No.: 780-454

Staggered jumper; from 1 to 4; insulated; gray



Item No.: 780-455

Staggered jumper; from 1 to 5; insulated; gray



Item No.: 780-456

Staggered jumper; from 1 to 6; insulated; gray



Item No.: 780-457

Staggered jumper; from 1 to 7; insulated; gray



Item No.: 780-458

Staggered jumper; from 1 to 8; insulated; gray



1.3.9 Marking

1.3.9.1 Marker



Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.3.10 Plug

1.3.10.1 AND gate module



Item No.: 286-826
AND gate module with 6 inputs; light gray

1.3.10.2 Bridge rectifier module



Item No.: 286-830
Bridge rectifier module; Input voltage: 24 VAC; with varistor protective circuit; gray

1.3.10.3 Component module with a fuse



Item No.: 286-891
Component module with fuse; for (5 x 20) mm microfuse; Nominal voltage: 230 VAC/DC; gray



Item No.: 286-890
Component module with fuse; for (5 x 20) mm microfuse; Nominal voltage: 24 VAC/DC; gray

1.3.10.4 Component module with diode



Item No.: 286-805
Component module with diode; with 5 pcs; Diode 1N4007; with common anode; gray



Item No.: 286-807
Component module with diode; with 7 pcs; Diode 1N4007; with common anode; gray



Item No.: 286-809
Component module with diode; with 9 pcs; Diode 1N4007; with common anode; gray



Item No.: 280-801/281-411
Component plug; for carrier terminal blocks; 2-pole; with diode 1N4007; 5 mm wide; gray



Item No.: 280-801/281-420
Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide; gray



Item No.: 280-801/281-421
Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide; gray

1.3.10.5 Component module with LED



Item No.: 286-822
Component module with LED; Red LED; with common cathode



Item No.: 280-801/281-413
Component plug; for carrier terminal blocks; 2-pole; LED (red); 24 VDC; 5 mm wide; gray



Item No.: 280-801/281-414
Component plug; for carrier terminal blocks; 2-pole; LED (red); 48 VDC; 5 mm wide; gray



Item No.: 280-801/281-416
Component plug; for carrier terminal blocks; 2-pole; LED (red); 5 mm wide; gray

1.3.10.5 Component module with LED

**Item No.: 280-801/281-420**

Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide; gray

Item No.: 280-801/281-421

Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide; gray

1.3.10.6 Component terminal block with LED

**Item No.: 280-801/281-415**

Component plug; for carrier terminal blocks; 2-pole; LED (red); 5 mm wide; gray

1.3.10.7 Current flow monitoring module

**Item No.: 286-661**

Current flow monitoring module; AC currents; light gray

Item No.: 286-664

Current flow monitoring module; AC currents; Monitoring range: 0.2 A – 3 A; 1 changeover contact; light gray

Item No.: 286-665

Current flow monitoring module; AC currents; Monitoring range: 1 A – 10 A; 1 changeover contact; light gray

Item No.: 286-662

Current flow monitoring module; DC currents; Monitoring range: 0.4 A – 3.5 A; 1 make contact; light gray

1.3.10.8 Empty component plug housing

**Item No.: 280-804**

Empty component plug housing; 10 mm wide; Type 3; 4-pole; gray

Item No.: 280-801

Empty component plug housing; gray

Item No.: 280-802

Empty component plug housing; gray

Item No.: 286-111

Empty component plug housing; Type 10; 15 mm wide; 6-pole; gray

**Item No.: 286-112**

Empty component plug housing; Type 11; 20 mm wide; 8-pole; gray

Item No.: 286-113

Empty component plug housing; Type 12; 25 mm wide; 10-pole; gray

Item No.: 786-101

Empty component plug housing; Type 14; 15 mm wide; 6-pole; gray

Item No.: 786-102

Empty component plug housing; Type 15; 20 mm wide; 8-pole; gray

**Item No.: 786-103**

Empty component plug housing; Type 16; 25 mm wide; 10-pole; gray

Item No.: 286-110

Empty component plug housing; Type 9; 10 mm wide; 4-pole; gray

1.3.10.9 Fuse plug

**Item No.: 281-512/281-418**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with blown fuse indication by neon lamp; 120 V; 6 mm wide; gray

Item No.: 281-512/281-417

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with blown fuse indication by neon lamp; 230 V; 6 mm wide; gray

Item No.: 281-512/281-501

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with LED indicator; 24 V AC/DC; 6 mm wide; gray

Item No.: 281-512

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with port for LED; 6 mm wide; gray

**Item No.: 281-511**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; without blown fuse indication; 6 mm wide; gray

Item No.: 280-854

Fuse plug; with soldered miniature fuse; 1 A FF; 5 mm wide; gray

Item No.: 280-856

Fuse plug; with soldered miniature fuse; 2 A FF; 5 mm wide; gray

Item No.: 280-850

Fuse plug; with soldered miniature fuse; 250 mA FF; 5 mm wide; gray

**Item No.: 280-852**

Fuse plug; with soldered miniature fuse; 500 mA FF; 5 mm wide; gray

Item No.: 280-854/281-415

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 1 A FF; 5 mm wide; gray

Item No.: 280-856/281-415

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 2 A FF; 5 mm wide; gray

Item No.: 280-850/281-415

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 250 mA FF; 5 mm wide; gray

1.3.10.9 Fuse plug

**Item No.: 280-852/281-415**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 500 mA FF; 5 mm wide; gray

**Item No.: 280-852/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 500 mA FF; 5 mm wide; gray

**Item No.: 280-852/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 500 mA FF; 5 mm wide; gray

**Item No.: 280-854/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 1 A FF; 5 mm wide; gray

**Item No.: 280-854/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 1 A FF; 5 mm wide; gray

**Item No.: 280-856/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 2 A FF; 5 mm wide; gray

**Item No.: 280-856/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 2 A FF; 5 mm wide; gray

**Item No.: 280-850/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 250 mA FF; 5 mm wide; gray

**Item No.: 280-850/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 250 mA FF; 5 mm wide; gray

1.3.10.10 Neon indicator module

**Item No.: 280-801/281-417**

Component plug; for carrier terminal blocks; 2-pole; 5 mm wide; gray

**Item No.: 280-801/281-418**

Component plug; for carrier terminal blocks; 2-pole; 5 mm wide; gray

1.3.10.11 Optocoupler module

**Item No.: 286-725**

Optocoupler module; gray

**Item No.: 286-790**

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 0 ... 30 VDC; Limiting continuous current: 0.5 A; gray

**Item No.: 286-723**

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 15 ... 30 VDC; Limiting continuous current: 4 A; 3-wire connection/high-side switching; Red status indicator; Module width: 15 mm; gray

**Item No.: 286-721**

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 15 ... 30 VDC; Limiting continuous current: 5 A; 3-wire connection/low-side switching; Red status indicator; Module width: 15 mm; gray

**Item No.: 286-752**

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 30 VDC; Limiting continuous current: 0.5 A; 3-wire connection/high-side switching; Frequency: 25 kHz; Red status indicator; Module width: 15 mm; gray

**Item No.: 286-791**

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 60 VDC; Limiting continuous current: 0.1 A; 2-wire connection; Frequency: 3 kHz; Red status indicator; Module width: 10 mm; gray

**Item No.: 286-794**

Optocoupler module; Nominal input voltage: 24 VDC; Red status indicator; gray

**Item No.: 286-752/002-000**

Optocoupler module; Red status indicator; gray

**Item No.: 286-792**

Optocoupler module; Red status indicator; gray

1.3.10.12 Relay module

**Item No.: 286-380**

Bistable relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm; gray

**Item No.: 286-573**

Latching relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm

**Item No.: 286-307/004-000**

Relay module; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 3 A; Railway; Red status indicator; Module width: 15 mm; gray

**Item No.: 286-507**

Relay module; Nominal input voltage: 115 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm; gray



1.3.10.12 Relay module

 Item No.: 286-316 Relay module; Nominal input voltage: 220 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-508 Relay module; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm; gray	 Item No.: 286-516 Relay module; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm; gray	 Item No.: 286-320 Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact; Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm; gray
 Item No.: 286-320/004-000 Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact; Railway; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-368/004-000 Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 3 A; Railway; Red status indicator; Module width: 10 mm; gray	 Item No.: 286-368 Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 5 A; Red status indicator; Module width: 10 mm; gray	 Item No.: 286-394/004-000 Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 1 A; with gold contacts; Railway; Red status indicator; Module width: 15 mm; light gray
 Item No.: 286-304/004-000 Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Railway; Red status indicator; Module width: 15 mm; gray	 Item No.: 286-304 Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm; gray	 Item No.: 286-364/004-000 Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 3 A; Railway; Red status indicator; Module width: 10 mm; gray	 Item No.: 286-376 Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 5 A; for switching higher DC loads; Red status indicator; Module width: 15 mm; gray
 Item No.: 286-364 Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 5 A; Red status indicator; Module width: 10 mm; gray	 Item No.: 286-336/001-000 Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts; Red status indicator; Module width: 25 mm; gray	 Item No.: 286-312/004-000 Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 5 A; Railway; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-312 Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm; gray
 Item No.: 286-328/004-000 Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 6 A; Railway; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-328 Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-344/004-000 Relay module; Nominal input voltage: 24 VDC; 3 break contacts and 1 make contact; Railway; Red status indicator; Module width: 25 mm; gray	 Item No.: 286-352/004-000 Relay module; Nominal input voltage: 24 VDC; 4 make contacts; Limiting continuous current: 5 A; Railway; Red status indicator; Module width: 25 mm; gray
 Item No.: 286-640/004-000 Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 5 A; Railway; Multifunction; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-604/004-000 Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; On-delay: 10 ... 100 s; Red status indicator; Module width: 20 mm; gray	 Item No.: 286-640 Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; Railway; Multifunction/Multitime; Red status indicator; Module width: 20 mm; gray	

1.3.10.13 S0 interface power supply unit

 Item No.: 286-742 S0 interface power supply; Input voltage: 230 VAC; S0 interface
--

1.3.10.14 Switching module

 Item No.: 286-895 Switching module; with changeover rocker switch; Switching voltage: 250 VAC; Switching current: 6 A; gray	 Item No.: 286-896 Switching module; with momentary switch; Switching voltage: 250 VAC; Switching current: 6 A; gray
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1.3.10.15 Timer relay module



[Item No.: 286-640/004-000](#)

Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 5 A; Railway; Multifunction; Red status indicator; Module width: 20 mm; gray



[Item No.: 286-604/004-000](#)

Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; On-delay: 10 ... 100 s; Red status indicator; Module width: 20 mm; gray



[Item No.: 286-640](#)

Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; Railway; Multifunction/Multitime; Red status indicator; Module width: 20 mm; gray

1.3.11 Protective warning marker

1.3.11.1 Cover



[Item No.: 280-415](#)

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

1.3.12 Push-in type wire jumper

1.3.12.1 Jumper



[Item No.: 249-126](#)

Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; black



[Item No.: 249-123](#)

Push-in type wire jumper; 0.75 mm²; insulated; 180 mm long; black



[Item No.: 249-127](#)

Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; black



[Item No.: 249-125](#)

Push-in type wire jumper; insulated; 60 mm long; black

1.3.13 Test and measurement

1.3.13.1 Testing accessories



[Item No.: 280-419](#)

Spacer module; modular; bridging commoned terminal blocks; gray



[Item No.: 280-404](#)

Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm² - 4 mm² tbs; gray



[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; gray



[Item No.: 210-136](#)

Test plug; 2 mm Ø; with 500 mm cable; red

1.3.14 Tool

1.3.14.1 Operating tool

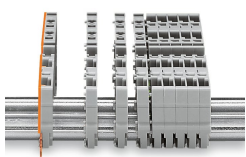


[Item No.: 210-720](#)

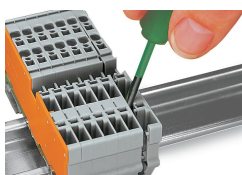
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Installation

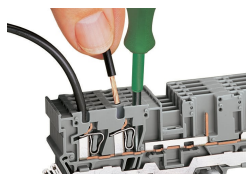


Snap individual carrier terminal blocks on-to the DIN-rail and slide together.



Open the assembly by laterally sliding a block via operating tool and remove terminal block via release lever.

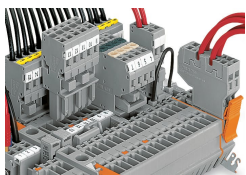
Conductor termination



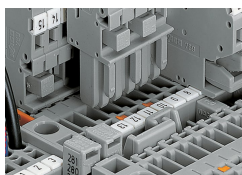
CAGE CLAMP® connection

Carrier terminal block: Insert/remove conductor via operating tool (3.5 x 0.5 mm blade).

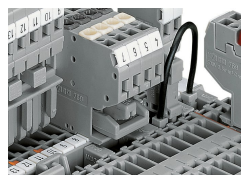
Commoning



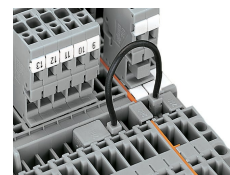
Commoning with adjacent or staggered jumpers.
Push jumpers down until fully inserted.



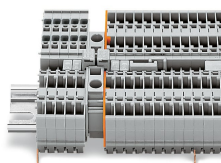
Commoning carrier terminal blocks via staggered jumpers.



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.

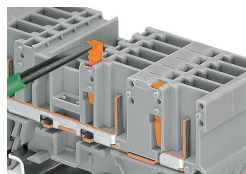


Commoning carrier terminal blocks via push-in type wire jumpers or adjacent jumpers – even over an intermediate plate.



Commoning "supply terminal blocks" (up to 10 mm²/8 AWG) with carrier terminal blocks via step-down jumpers.

Coding



Snap coding pin in proper direction on carrier terminal block.
Shown: Coding pin removal from carrier terminal block.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com