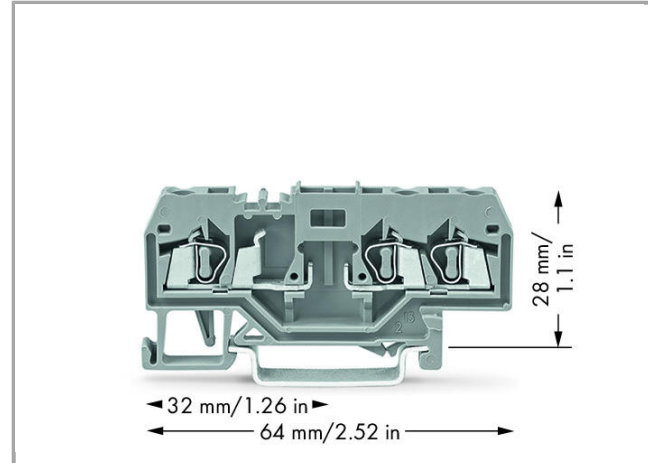
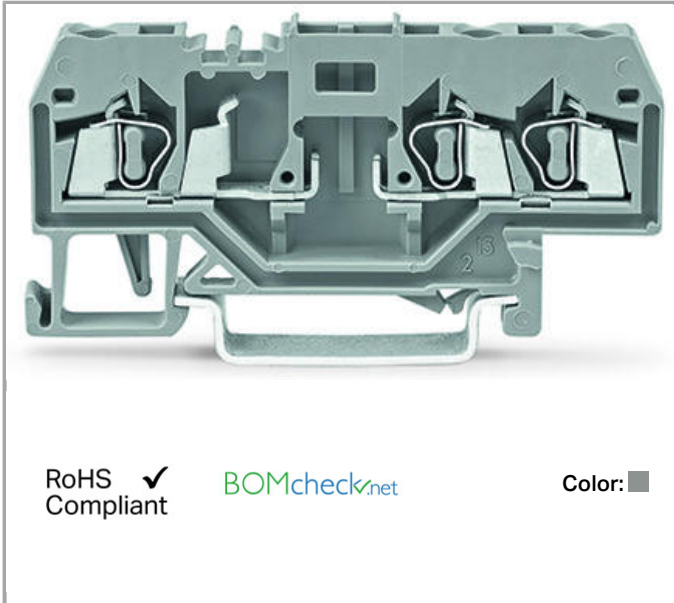


## Data sheet | Item number: 280-610

3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®



280-610



### Item description

#### Note:

#### Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:

2.5 mm<sup>2</sup> (14 AWG) = 16 A

4 mm<sup>2</sup> (12 AWG) = 22 A

### Data

#### Electrical data

### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	10 A

### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Total number of connection points	3
Total number of potentials	2
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 mm / 1.102 inch
Depth	64 mm / 2.52 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	0.132 MJ
Weight	7.726 g



### Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	CN





GTIN	4050821214939
Customs Tariff No.	85369010000

## Approvals / Certificates


### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2157201.01
	CSA DEKRA Certification B.V.	C22.2	1536071

### 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	07436/E0 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 Underwriters Laboratories Inc.	UL 1059	20170731- E45172










## Compatible products

## Marking accessories



	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-115
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-115
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-115
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-115
	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-115
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	2009-115
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-115
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-115
	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type		793-501
	<b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-002	793-501
	<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-005	793-501

	<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-006	793-501
	<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-007	793-501
	<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-012	793-501
	<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-017	793-501
	<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-023	793-501
	<b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type	/000-024	793-501
	<b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type		793-5501
	<b>Item no.: 793-5501/000-002</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	793-5501
	<b>Item no.: 793-5501/000-005</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	793-5501
	<b>Item no.: 793-5501/000-006</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	793-5501
	<b>Item no.: 793-5501/000-007</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	793-5501
	<b>Item no.: 793-5501/000-012</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	793-5501
	<b>Item no.: 793-5501/000-017</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	793-5501
	<b>Item no.: 793-5501/000-023</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	793-5501
	<b>Item no.: 793-5501/000-024</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	793-5501






## ferrule
















	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	216-101
	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	216-102
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	216-103
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	216-104
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated	216-201
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated	216-202
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	216-203
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	216-204
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	216-301
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated	216-302


















## assembling

















	<b>Item no.: 209-106</b> Mounting carrier; for isolated mounting on DIN 35 rails	209-106
	<b>Item no.: 210-148</b> Angled support bracket; without screw	210-148

















## plug

	<b>Item no.: 280-850</b> Fuse plug; with soldered miniature fuse; 250 mA FF; 5 mm wide	280-850
	<b>Item no.: 280-850/281-413</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 250 mA FF; 5 mm wide	280-850 /281-413
	<b>Item no.: 280-850/281-414</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 250 mA FF; 5 mm wide	280-850 /281-414
	<b>Item no.: 280-850/281-415</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 250 mA FF; 5 mm wide	280-850 /281-415
	<b>Item no.: 280-852</b> Fuse plug; with soldered miniature fuse; 500 mA FF; 5 mm wide	280-852

	<b>Item no.: 280-852/281-413</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 500 mA FF; 5 mm wide	280-852 /281-413
	<b>Item no.: 280-852/281-414</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 500 mA FF; 5 mm wide	280-852 /281-414
	<b>Item no.: 280-852/281-415</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 500 mA FF; 5 mm wide	280-852 /281-415
	<b>Item no.: 280-854</b> Fuse plug; with soldered miniature fuse; 1 A FF; 5 mm wide	280-854
	<b>Item no.: 280-854/281-413</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 1 A FF; 5 mm wide	280-854 /281-413
	<b>Item no.: 280-854/281-414</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 1 A FF; 5 mm wide	280-854 /281-414
	<b>Item no.: 280-854/281-415</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 1 A FF; 5 mm wide	280-854 /281-415
	<b>Item no.: 280-856</b> Fuse plug; with soldered miniature fuse; 2 A FF; 5 mm wide	280-856
	<b>Item no.: 280-856/281-413</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 2 A FF; 5 mm wide	280-856 /281-413
	<b>Item no.: 280-856/281-414</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 2 A FF; 5 mm wide	280-856 /281-414
	<b>Item no.: 280-856/281-415</b> Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 2 A FF; 5 mm wide	280-856 /281-415
<b>General accessories</b>		
	<b>Item no.: 280-801</b> Empty component plug housing	280-801
	<b>Item no.: 280-801/281-411</b> Component plug; for carrier terminal blocks; 2-pole; with diode 1N4007; 5 mm wide	280-801 /281-411
	<b>Item no.: 280-801/281-413</b> Component plug; for carrier terminal blocks; 1-pole; LED (red); 24 VDC; 5 mm wide	280-801 /281-413
	<b>Item no.: 280-801/281-414</b> Component plug; for carrier terminal blocks; 1-pole; LED (red); 48 VDC; 5 mm wide	280-801 /281-414

	<b>Item no.: 280-801/281-415</b> Component plug; for carrier terminal blocks; 1-pole; LED (red); 5 mm wide	280-801 /281-415
	<b>Item no.: 280-801/281-416</b> Component plug; for carrier terminal blocks; 1-pole; LED (red); 5 mm wide	280-801 /281-416
	<b>Item no.: 280-801/281-417</b> Component plug; for carrier terminal blocks; 1-pole; 5 mm wide	280-801 /281-417
	<b>Item no.: 280-801/281-418</b> Component plug; for carrier terminal blocks; 1-pole; 5 mm wide	280-801 /281-418
	<b>Item no.: 280-801/281-420</b> Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide	280-801 /281-420
	<b>Item no.: 280-801/281-421</b> Component plug; for carrier terminal blocks; 2-pole; with LED and recovery diode; 5 mm wide	280-801 /281-421
	<b>Item no.: 280-802</b> Empty component plug housing	280-802
	<b>Item no.: 280-804</b> Empty component plug housing; 10 mm wide; Type 3; 4-pole	280-804
	<b>Item no.: 286-110</b> Empty component plug housing; Type 9; 10 mm wide; 4-pole	286-110
	<b>Item no.: 286-111</b> Empty component plug housing; Type 10; 15 mm wide; 6-pole	286-111
	<b>Item no.: 286-112</b> Empty component plug housing; Type 11; 20 mm wide; 8-pole	286-112
	<b>Item no.: 286-113</b> Empty component plug housing; Type 12; 25 mm wide; 10-pole	286-113
	<b>Item no.: 286-304</b> Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm	286-304
	<b>Item no.: 286-304/004-000</b> Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 7 A; Path; Red status indicator; Module width: 15 mm	286-304 /004-000
	<b>Item no.: 286-307/004-000</b> Relay module; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 7 A; Path; Red status indicator; Module width: 15 mm	286-307 /004-000
	<b>Item no.: 286-312</b> Relay module; Relay with 2 changeover contacts (2u)	286-312
	<b>Item no.: 286-312/004-000</b> Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Path; Red status indicator; Module width: 20 mm	286-312 /004-000

	<b>Item no.: 286-316</b> Relay module; Nominal input voltage: 220 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm	286-316
	<b>Item no.: 286-320</b> 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	286-320
	<b>Item no.: 286-320/004-000</b> Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact; Path; Red status indicator; Module width: 20 mm	286-320 /004-000
	<b>Item no.: 286-328</b> Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm	286-328
	<b>Item no.: 286-328/004-000</b> Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 6 A; Path; Red status indicator; Module width: 20 mm	286-328 /004-000
	<b>Item no.: 286-336/001-000</b> Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts; Red status indicator; Module width: 25 mm	286-336 /001-000
	<b>Item no.: 286-344/004-000</b> Relay module; Nominal input voltage: 24 VDC; 3 break contacts and 1 make contact; Path; Red status indicator; Module width: 25 mm	286-344 /004-000
	<b>Item no.: 286-352/004-000</b> Relay module; Nominal input voltage: 24 VDC; 4 make contacts; Limiting continuous current: 5 A; Path; Red status indicator; Module width: 25 mm	286-352 /004-000
	<b>Item no.: 286-364</b> Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 5 A; Red status indicator; Module width: 10 mm	286-364
	<b>Item no.: 286-364/004-000</b> Relay module; Nominal input voltage: 24 VDC; 1 make contact; Path; Red status indicator; Module width: 10 mm	286-364 /004-000
	<b>Item no.: 286-368</b> Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 5 A; Red status indicator; Module width: 10 mm	286-368
	<b>Item no.: 286-368/004-000</b> Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 5 A; Path; Red status indicator; 10 mm wide	286-368 /004-000
	<b>Item no.: 286-376</b> 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	286-376
	<b>Item no.: 286-380</b> Bistable relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm	286-380
	<b>Item no.: 286-381</b> Bistable relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm	286-381
	<b>Item no.: 286-394/004-000</b> Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Path; Red status indicator; Module width: 15 mm	286-394 /004-000

	<b>Item no.: 286-427</b> Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 5 A; Pulse lengthening: 1 ... 10 s; Red status indicator; Module width: 20 mm	286-427
	<b>Item no.: 286-507</b> Relay module; Nominal input voltage: 115 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm	286-507
	<b>Item no.: 286-508</b> Relay module; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm	286-508
	<b>Item no.: 286-516</b> Relay module; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm	286-516
	<b>Item no.: 286-573</b> Latching relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Red status indicator; Module width: 17 mm	286-573
	<b>Item no.: 286-575</b> Stromstoßschaltermodul; Eingangsnennspannung DC 24 V; 1 Wechsler; Grenzdauerstrom 3 A; Bahn; Statusanzeige rot; 22 mm Baubreite	286-575
	<b>Item no.: 286-604/004-000</b> 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	286-604 /004-000
	<b>Item no.: 286-640</b> Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; Path; Multifunction/Multitime; Yellow status indicator; Module width: 6 mm	286-640
	<b>Item no.: 286-640/004-000</b> Multifunction timing relay module; Relay with 1 changeover contact (1u); 4 time ranges; for railway operations; 4 functions	286-640 /004-000
	<b>Item no.: 286-661</b> Current flow monitoring module; AC current flow monitoring module; 80 mA ... 6 A	286-661
	<b>Item no.: 286-662</b> Current flow monitoring module; DC current flow monitoring module; 0.4 A ... 3.5 A; Relay with 1 make contact (1a)	286-662
	<b>Item no.: 286-664</b> Current flow monitoring module; AC current flow monitoring module; 1 A ... 10 A; Adjustable; Relay with 1 changeover contact (1u)	286-664
	<b>Item no.: 286-665</b> Current flow monitoring module; Relay with 1 changeover contact (1u); adjustable	286-665
	<b>Item no.: 286-721</b> 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	286-721
	<b>Item no.: 286-723</b> 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	286-723
	<b>Item no.: 286-725</b> Optocoupler module; Input AC/DC 10 V ... 30 V; Output DC 24 V/ 1 mA ... 0.5 A; negative switching	286-725
	<b>Item no.: 286-742</b> S0 interface power supply; Input voltage: 230 VAC; S0 interface	286-742

**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

286-752

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

Optocoupler module; Red status indicator

/002-000

286-752

**Item no.: 286-790**

Optocoupler module

286-790

**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

286-791

**Item no.: 286-792**

Optocoupler module; Red status indicator

286-792

**Item no.: 286-794**

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

286-794

**Item no.: 286-797**

Optocoupler module; Red status indicator

286-797

**Item no.: 286-803**

Component module with diode

286-803

**Item no.: 286-805**

Component module with diode

286-805

**Item no.: 286-807**

Component module with diode; with 7 pcs; Diode 1N4007; with common anode

286-807

**Item no.: 286-809**

Component module with diode

286-809

**Item no.: 286-822**

Component module with LED; Red LED; with common cathode

286-822

**Item no.: 286-826**

AND gate module with 6 inputs

286-826

**Item no.: 286-830**

Bridge rectifier module; Input voltage: 24 VAC; with varistor protective circuit

286-830

**Item no.: 286-831**

Surge suppression module for signal technology; Nominal voltage: 24 VAC/DC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide

286-831

**Item no.: 286-832**
















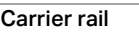

Surge suppression module for signal technology; Nominal voltage: 24 VAC/DC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 20 mm wide



















286-832

**Item no.: 286-833**

Surge suppression module for signal technology; Nominal voltage: 24 VDC; for 1 signal path; plugged on rail-mount terminal block, 15 mm wide

286-833

	<b>Item no.: 286-834</b> Surge suppression module for signal technology; Nominal voltage: 12 VDC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 20 mm wide	286-834
	<b>Item no.: 286-834/024-000</b> Surge suppression module for signal technology; Nominal voltage: 24 VDC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 15 mm wide	286-834 /024-000
	<b>Item no.: 286-835</b> Surge suppression module for signal technology; Nominal voltage: 230 VAC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-835
	<b>Item no.: 286-835/115-000</b> Surge suppression module for signal technology; Nominal voltage: 115 VAC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-835 /115-000
	<b>Item no.: 286-836</b> Surge suppression module for signal technology; Nominal voltage: 24 VAC/DC; for 2 signal paths with common surge arrester; plugged on rail-mount terminal block, 15 mm wide	286-836
	<b>Item no.: 286-838</b> Surge suppression module for signal technology; Nominal voltage: 230 VAC; for 2 signal paths with common surge arrester; with visual indicator	286-838
	<b>Item no.: 286-840</b> Bridge rectifier module; Input voltage: 250 VAC; with varistor protective circuit	286-840
	<b>Item no.: 286-841</b> Surge suppression module for signal technology; Nominal voltage: 220 VDC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide	286-841
	<b>Item no.: 286-842</b> Surge suppression module for signal technology; Nominal voltage: 230 VAC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide	286-842
	<b>Item no.: 286-843</b> Surge suppression module for signal technology; Nominal voltage: 115 VAC; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide	286-843
	<b>Item no.: 286-844</b> Surge suppression module for signal technology; for 2 signal paths with common surge arrester; pluggable on rail-mount terminal block, 25 mm wide	286-844
	<b>Item no.: 286-890</b> Component module with fuse; for (5 x 20) mm microfuse; Nominal voltage: 24 VAC/DC	286-890
	<b>Item no.: 286-891</b> Component module with fuse; for (5 x 20) mm microfuse; Nominal voltage: 230 VAC/DC	286-891
	<b>Item no.: 286-895</b> Switching module; with changeover rocker switch; Switching voltage: 250 VAC; Switching current: 6 A	286-895
	<b>Item no.: 286-896</b> Switching module; Changeover; 1-pole; with momentary switch	286-896
<b>End plate</b>		
	<b>Item no.: 280-324</b> End and intermediate plate; 2.5 mm thick	280-324
	<b>Item no.: 280-326</b> End and intermediate plate; 2.5 mm thick	280-326
<b>Carrier rail</b>		

	<b>Item no.: 210-112</b> 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
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	210-113
	<b>Item no.: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	210-114
	<b>Item no.: 210-115</b> 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
	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-118
	<b>Item no.: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715	210-196
	<b>Item no.: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	210-197
	<b>Item no.: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-198
	<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	210-504
	<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	210-505
	<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	210-506
	<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	210-508
<b>Insulation stop</b>		
	<b>Item no.: 280-470</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip	280-470
	<b>Item no.: 280-471</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip	280-471
	<b>Item no.: 280-472</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip	280-472
<b>tools</b>		
	<b>Item no.: 210-657</b> Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short	210-657
	<b>Item no.: 210-658</b> Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled	210-658
	<b>Item no.: 210-720</b> Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720

**Protective Warning Marker**



Item no.: 280-415

280-415

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

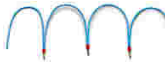
### Jumper



Item no.: 210-103

210-103

Wire commoning chain; insulated; 50 connections



Item no.: 210-123

210-123

Wire commoning chain; insulated; 50 connections



Item no.: 280-482

280-482

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block



Item no.: 280-483

280-483

Comb-style jumper bar; insulated; 3-way; IN = IN terminal block



Item no.: 280-484

280-484

Comb-style jumper bar; insulated; 4-way; IN = IN terminal block



Item no.: 280-485

280-485

Comb-style jumper bar; insulated; 5-way; IN = IN terminal block



Item no.: 280-490

280-490

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block



Item no.: 280-492

280-492

Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block



Item no.: 709-110

709-110

Wire commoning chain; insulated; 4 connections; 3 x 110 mm



Item no.: 709-111

709-111

Wire commoning chain; insulated; 3 connections; 2 x 120 mm



Item no.: 709-112

709-112

Wire commoning chain; insulated; 3 connections; 2 x 170 mm

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