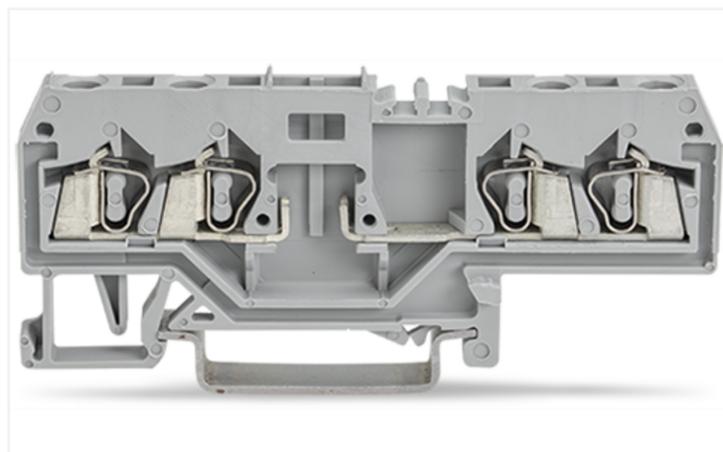
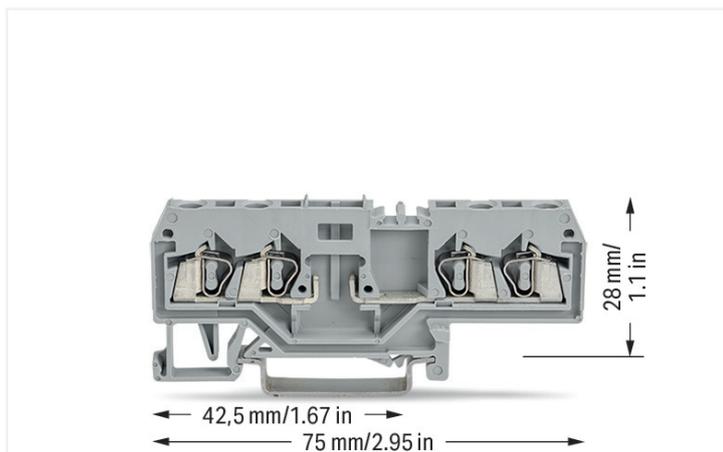


## Data Sheet | Item Number: 280-686

4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

<https://www.wago.com/280-686>



Color: ■ gray

Carrier terminal block for modules and plugs, 280 Series, gray

Our carrier terminal block for modules and plugs (item number 280-686) simplifies electrical installations. Conductors should only be connected to this carrier terminal block for modules and plugs if their strip length is between 8 and 9 mm. This product incorporates conductor terminals and utilizes CAGE CLAMP®. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all types of conductors without having to prepare the conductor. For example, you don't need to crimp ferrules. This carrier terminal block for modules and plugs is suitable for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

### Electrical data

Ratings per	IEC/EN 60947-7-1		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	10 A	-	-

### Power Loss

Power loss, per pole (potential)	0.133 W
Rated current $I_N$ for power loss specification	10 A
Resistance value for specified, current-dependent power loss	0.00133 Ω

### General information

Wiring direction	Front-entry wiring
------------------	--------------------

### Connection data

Clamping units	4
Total number of potentials	2
Number of levels	1

### Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum

## Connection 1

Connectable conductor materials (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 [249-130](#) 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 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> = 16 A  
4 mm<sup>2</sup> = 22 A

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
Note (conductor cross-section)	12 AWG: THHN, THWN
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Wiring direction	Front-entry wiring

## Physical data

Width	5 mm / 0.197 inches
Height	75 mm / 2.953 inches
Depth from upper-edge of DIN-rail	28 mm / 1.102 inches

## Mechanical data

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

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.15 MJ
Weight	9.1 g

### Environmental requirements

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

### Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918556842
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 9.0	EC000897
ETIM 10.0	EC000897
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1536071
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-154769
UL Underwriters Laboratories Inc.	UL 1059	E45172

#### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	24-0152298-PDA
BV Bureau Veritas S.A.	EN 60947	07436/G0 BV
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2

**Downloads**

**Environmental Product Compliance**

Compliance Search

Environmental Product Compliance 280-686 

**CAD/CAE-Data**

CAD data

2D/3D Models 280-686 

CAE data

EPLAN Data Portal 280-686 

WSCAD Universe 280-686 

ZUKEN Portal 280-686 

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 End plate**

**1.1.1.1 End plate**



[Item No.: 280-314](#)  
End and intermediate plate; 2.5 mm thick; gray

[Item No.: 280-315](#)  
End and intermediate plate; 2.5 mm thick; orange

[Item No.: 280-334](#)  
Separator plate; 2 mm thick; oversized; gray

[Item No.: 280-335](#)  
Separator plate; 2 mm thick; oversized; orange

**1.2 Optional Accessories**

**1.2.1 DIN-rail**

**1.2.1.1 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

## 1.2.2 Ferrule

### 1.2.2.1 Ferrule



**Item No.: 216-301**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-302**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-201**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white



**Item No.: 216-101**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-202**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-102**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-203**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-103**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated



**Item No.: 216-204**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-104**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; silver-colored

## 1.2.3 Installation

### 1.2.3.1 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

## 1.2.4 Insulation stop

### 1.2.4.1 Insulation stop



**Item No.: 280-470**

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white



**Item No.: 280-471**

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray



**Item No.: 280-472**

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; black

## 1.2.5 Jumper

### 1.2.5.1 Jumper



**Item No.: 280-490**

Jumper; 10-way; insulated; gray



**Item No.: 280-482**

Jumper; 2-way; insulated; gray



**Item No.: 280-492**

Jumper; 2-way; insulated; gray



**Item No.: 280-483**

Jumper; 3-way; insulated; gray



**Item No.: 280-484**

Jumper; 4-way; insulated; gray



**Item No.: 280-485**

Jumper; 5-way; insulated; gray



**Item No.: 709-110**

Wire commoning chain; 2.5 mm<sup>2</sup>; insulated; black



**Item No.: 709-111**

Wire commoning chain; 2.5 mm<sup>2</sup>; insulated; black



**Item No.: 709-112**

Wire commoning chain; 2.5 mm<sup>2</sup>; insulated; black



**Item No.: 210-103**

Wire commoning chain; insulated; black



**Item No.: 210-123**

Wire commoning chain; insulated; blue

1.2.6 Marking

1.2.6.1 Marker



**Item No.: 793-5501/000-006**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 793-5501/000-007**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 793-5501/000-023**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 793-5501/000-017**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 793-5501/000-012**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 793-5501/000-005**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



**Item No.: 793-5501/000-024**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 793-5501/000-002**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



**Item No.: 793-501/000-006**

WMB marking card; as card; not stretchable; plain; snap-on type; blue



**Item No.: 793-501/000-007**

WMB marking card; as card; not stretchable; plain; snap-on type; gray



**Item No.: 793-501/000-023**

WMB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 793-501/000-017**

WMB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 793-501/000-012**

WMB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 793-501/000-005**

WMB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type; violet



**Item No.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 793-501/000-002**

WMB marking card; as card; not stretchable; plain; snap-on type; yellow



**Item No.: 2009-115/000-006**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-115/000-007**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 2009-115/000-023**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-115/000-017**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 2009-115/000-012**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-115/000-024**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-115/000-002**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.7 Plug

1.2.7.1 AND gate module



**Item No.: 286-826**

AND gate module with 6 inputs; light gray

### 1.2.7.2 Bridge rectifier module



**Item No.: 286-830**

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

### 1.2.7.3 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

### 1.2.7.4 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

### 1.2.7.5 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



**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

### 1.2.7.6 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

### 1.2.7.7 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

### 1.2.7.8 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.: 286-110**

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

### 1.2.7.9 Fuse plug



**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

**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.: 280-854/281-413**

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

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

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

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

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

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

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



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

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

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

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

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

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 250 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

### 1.2.7.10 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

### 1.2.7.11 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; Nominal input voltage: 5 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

1.2.7.11 Optocoupler module



**Item No.: 286-792**  
 Optocoupler module; Red status indicator; gray

1.2.7.12 Relay module



**Item No.: 286-380**  
 Bistable relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; 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



**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

### 1.2.7.13 S0 interface power supply unit



**Item No.: 286-742**

S0 interface power supply; Input voltage: 230 VAC; S0 interface

### 1.2.7.14 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

### 1.2.7.15 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

### 1.2.8 Protective warning marker

#### 1.2.8.1 Cover



**Item No.: 280-415**

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

### 1.2.9 Tool

#### 1.2.9.1 Operating tool



**Item No.: 210-658**

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



**Item No.: 210-720**

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



**Item No.: 210-657**

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