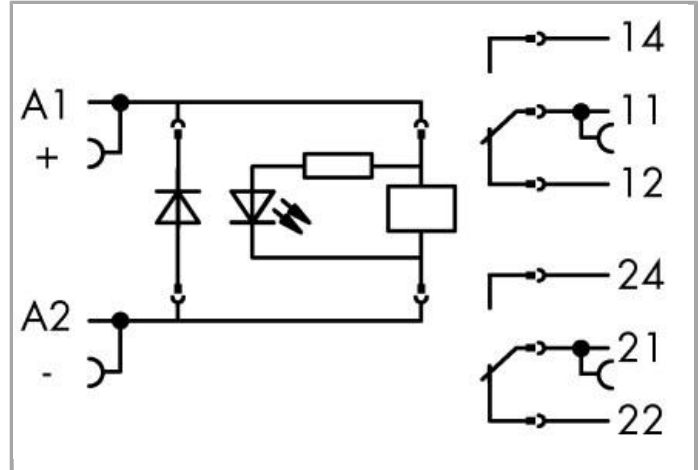
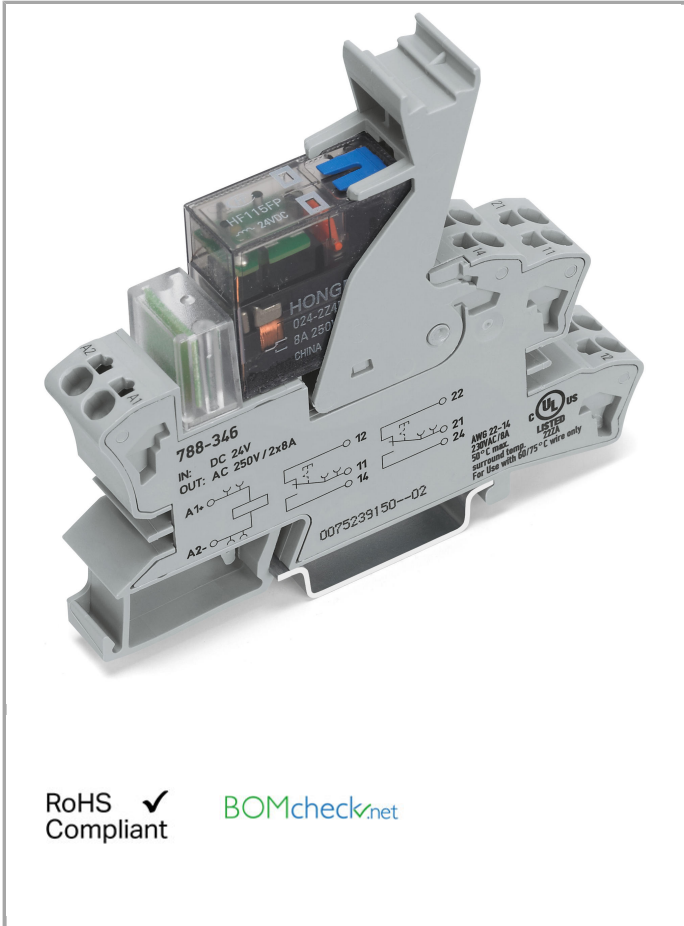


Data sheet | Item number: 788-346

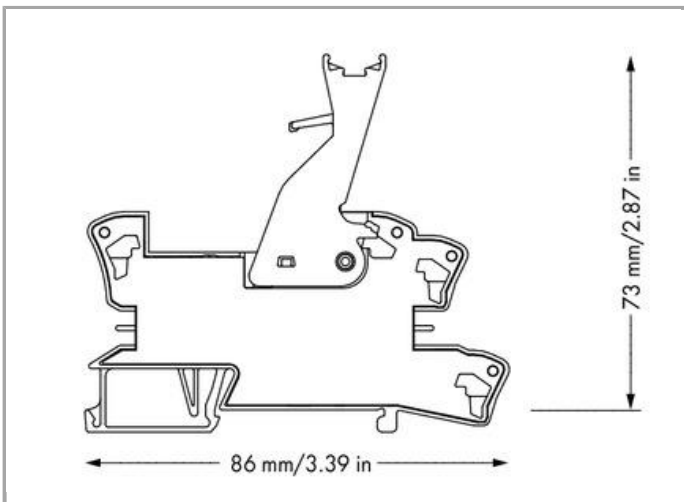
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts;  
Limiting continuous current: 8 A; with manual operation; Red status indicator;  
Module width: 15 mm



[www.wago.com/788-346](http://www.wago.com/788-346)



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



Item description

**Note:**

- Reinforced insulation between coil and contacts
- A separator plate (e.g., 209-191) must be used for voltages greater than 250 V between adjacent relay modules and for compliance with the reinforced insulation requirements.
- To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

**Data****Technical Data****Control circuit**

Nominal input voltage $U_N$	24 VDC
Input voltage range	±10 %
Nominal input current at $U_N$	16.7 mA

**Load circuit:**

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi
Limiting continuous current	8 A
Max. make current (resistive)	12 A (AC)
Max. switching voltage	250 VAC
Max. switching power (resistive)	2000 VAAC; DC see load limit curve
Switching capacity	AC-15: 1.5 A / 240 VAC; DC-13: 1 A / 24 VDC
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	8 ms
Bounce time (typ.)	7 ms
Electrical life (N.O.; resistive load; 23 °C)	$10 \times 10^3$ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	$5 \times 10^6$ switching operations
Max. switching load with load/without load	$6 \text{ min}^{-1} / 300 \text{ min}^{-1}$

**Signaling**

Status indication	LED red Mechanical
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**Safety and protection:**

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	3

Dielectric strength, control/load circuit (AC, 1 min)	5 kV <sub>rms</sub>
Dielectric strength, control/load circuit (AC, 1 min)	5 kV <sub>rms</sub>
Dielectric strength open contact (AC, 1 min)	1 kV <sub>rms</sub>
Dielectric strength open contact (AC, 1 min)	1 kV <sub>rms</sub>
Dielectric strength, load/load circuit (AC, 1 min)	2.5 kV <sub>rms</sub>
Dielectric strength, load/load circuit (AC, 1 min)	2.5 kV <sub>rms</sub>
Degree of protection	IP20

### Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.34 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 Inch

### Geometrical Data

Width	15 mm / 0.591 inch
Height from upper-edge of DIN-35 rail	73 mm / 2.874 inch
Depth	86 mm / 3.386 inch

### Mechanical data

Type of mounting	DIN-35 rail
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### Material Data

Weight	34.608 g
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### Environmental Requirements

Surrounding air (operating) temperature at U <sub>N</sub>	-40 ... 70 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Pollution degree	3

### Standards and specifications

Standards/specifications	EN 61010-2-201; EN 61810-1; EN 61373; UL 508
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### Elementary relay

WAGO elementary relay	788-936
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## Commercial data

Country of origin	DE
GTIN	4050821226864
Product Group	6 (Interface Electronics)






## Approvals / Certificates

### UL-Approvals






Logo	Approval	Certificate name
	<b>UL</b> UL International Netherlands B.V. (ORDINARY LOCATIONS)	E175199 Sec.6

















## Compatible products

### Jumper

	<b>Item no.: 788-118</b> Comb-style jumper bar; 2-way (1-3); insulated	<a href="http://www.wago.com/788-118">www.wago.com/788-118</a>
	<b>Item no.: 859-402</b> Push-in type jumper bar; Light gray; Insulated; 18 A; 2-position	<a href="http://www.wago.com/859-402">www.wago.com/859-402</a>
	<b>Item no.: 859-402/000-005</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated	<a href="http://www.wago.com/859-402/000-005">www.wago.com/859-402/000-005</a>
	<b>Item no.: 859-402/000-006</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated	<a href="http://www.wago.com/859-402/000-006">www.wago.com/859-402/000-006</a>
	<b>Item no.: 859-402/000-029</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated	<a href="http://www.wago.com/859-402/000-029">www.wago.com/859-402/000-029</a>

### Marking accessories

	<b>Item no.: 2009-110</b> Marking strips; on reel; not stretchable; plain; snap-on type	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>

	<p><b>Item no.: 2009-115/000-012</b>                  WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<p><b>Item no.: 2009-115/000-017</b>                  WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<p><b>Item no.: 2009-115/000-023</b>                  WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<p><b>Item no.: 209-128</b>                  Adaptor</p>	<a href="http://www.wago.com/209-128">www.wago.com/209-128</a>
	<p><b>Item no.: 209-183</b>                  Marker card</p>	<a href="http://www.wago.com/209-183">www.wago.com/209-183</a>
	<p><b>Item no.: 210-110</b>                  Fiber-tip pen</p>	<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>
	<p><b>Item no.: 793-501</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<p><b>Item no.: 793-501/000-002</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<p><b>Item no.: 793-501/000-005</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<p><b>Item no.: 793-501/000-006</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<p><b>Item no.: 793-501/000-007</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<p><b>Item no.: 793-501/000-012</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<p><b>Item no.: 793-501/000-017</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<p><b>Item no.: 793-501/000-023</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<p><b>Item no.: 793-501/000-024</b>                  WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>
	<p><b>Item no.: 793-502</b>                  WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type</p>	<a href="http://www.wago.com/793-502">www.wago.com/793-502</a>



**Item no.: 793-502/000-002**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-002](http://www.wago.com/793-502/000-002)



**Item no.: 793-502/000-005**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-005](http://www.wago.com/793-502/000-005)



**Item no.: 793-502/000-006**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-006](http://www.wago.com/793-502/000-006)



**Item no.: 793-502/000-007**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-007](http://www.wago.com/793-502/000-007)



**Item no.: 793-502/000-012**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-012](http://www.wago.com/793-502/000-012)



**Item no.: 793-502/000-017**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-017](http://www.wago.com/793-502/000-017)



**Item no.: 793-502/000-023**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-023](http://www.wago.com/793-502/000-023)



**Item no.: 793-502/000-024**  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-502/000-024](http://www.wago.com/793-502/000-024)



**Item no.: 793-503**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503](http://www.wago.com/793-503)



**Item no.: 793-503/000-002**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503/000-002](http://www.wago.com/793-503/000-002)



**Item no.: 793-503/000-005**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503/000-005](http://www.wago.com/793-503/000-005)



**Item no.: 793-503/000-006**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503/000-006](http://www.wago.com/793-503/000-006)



**Item no.: 793-503/000-007**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503/000-007](http://www.wago.com/793-503/000-007)



**Item no.: 793-503/000-012**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503/000-012](http://www.wago.com/793-503/000-012)



**Item no.: 793-503/000-017**  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503/000-017](http://www.wago.com/793-503/000-017)

**Item no.: 793-503/000-023**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503](http://www.wago.com/793-503)

/000-023

**Item no.: 793-503/000-024**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-503](http://www.wago.com/793-503)

/000-024

**Item no.: 793-504**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)**Item no.: 793-504/000-002**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)

/000-002

**Item no.: 793-504/000-005**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)

/000-005

**Item no.: 793-504/000-006**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)

/000-006

**Item no.: 793-504/000-012**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)

/000-012

**Item no.: 793-504/000-017**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)

/000-017

**Item no.: 793-504/000-023**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-504](http://www.wago.com/793-504)

/000-023

**Item no.: 793-505**

WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-505](http://www.wago.com/793-505)**Item no.: 793-505/000-005**

WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-505](http://www.wago.com/793-505)

/000-005

**Item no.: 793-505/000-006**

WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-505](http://www.wago.com/793-505)

/000-006

**Item no.: 793-505/000-007**

WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-505](http://www.wago.com/793-505)

/000-007

**Item no.: 793-505/000-012**

WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-505](http://www.wago.com/793-505)

/000-012

**Item no.: 793-506**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-506](http://www.wago.com/793-506)**Item no.: 793-506/000-005**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-506](http://www.wago.com/793-506)

/000-005



**Item no.: 793-506/000-006**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-506/000-006](http://www.wago.com/793-506/000-006)



**Item no.: 793-506/000-012**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-506/000-012](http://www.wago.com/793-506/000-012)



**Item no.: 793-506/000-017**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-506/000-017](http://www.wago.com/793-506/000-017)



**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

[www.wago.com/793-5501](http://www.wago.com/793-5501)



**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

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)



**Item no.: 793-5501/000-014**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)



**Item no.: 793-566**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566](http://www.wago.com/793-566)

**Item no.: 793-566/000-002**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-002](http://www.wago.com/793-566/000-002)**Item no.: 793-566/000-005**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-005](http://www.wago.com/793-566/000-005)**Item no.: 793-566/000-006**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-006](http://www.wago.com/793-566/000-006)**Item no.: 793-566/000-007**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-007](http://www.wago.com/793-566/000-007)**Item no.: 793-566/000-012**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-012](http://www.wago.com/793-566/000-012)**Item no.: 793-566/000-017**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-017](http://www.wago.com/793-566/000-017)**Item no.: 793-566/000-023**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-023](http://www.wago.com/793-566/000-023)**Item no.: 793-566/000-024**

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type

[www.wago.com/793-566/000-024](http://www.wago.com/793-566/000-024)**ferrule****Item no.: 216-241**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90[www.wago.com/216-241](http://www.wago.com/216-241)**Item no.: 216-242**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90[www.wago.com/216-242](http://www.wago.com/216-242)**Item no.: 216-243**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90[www.wago.com/216-243](http://www.wago.com/216-243)**Item no.: 216-244**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90[www.wago.com/216-244](http://www.wago.com/216-244)**Item no.: 216-542**Twin ferrule; Sleeve for 2 x 1 mm<sup>2</sup> / AWG 2 x 18; red, insulated; 12 mm long[www.wago.com/216-542](http://www.wago.com/216-542)**General accessories****Item no.: 209-145**

Group marker carrier

[www.wago.com/209-145](http://www.wago.com/209-145)**Item no.: 209-184**

Protection cover

[www.wago.com/209-184](http://www.wago.com/209-184)



Item no.: 249-105  
Group marker carrier

[www.wago.com/249-105](http://www.wago.com/249-105)



Item no.: 788-120  
Accessories for relay modules; Operation status indicator: red

[www.wago.com/788-120](http://www.wago.com/788-120)

tools



Item no.: 210-720  
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

[www.wago.com/210-720](http://www.wago.com/210-720)

Downloads

Documentation

Instruction Leaflet

Socket with Relay or SSR	Sep 28, 2015	PDF 2.1 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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CAD files

CAD data

3D Download 788-346		URL	Download
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Subject to changes.

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