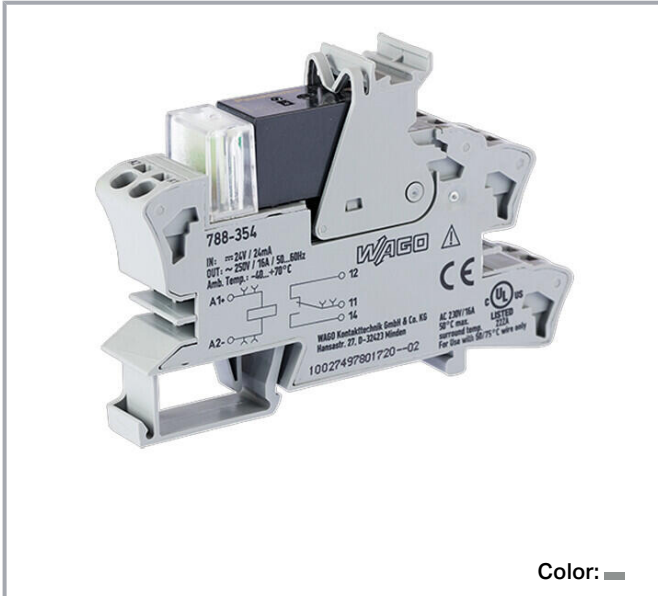


Data sheet | Item number: 788-354

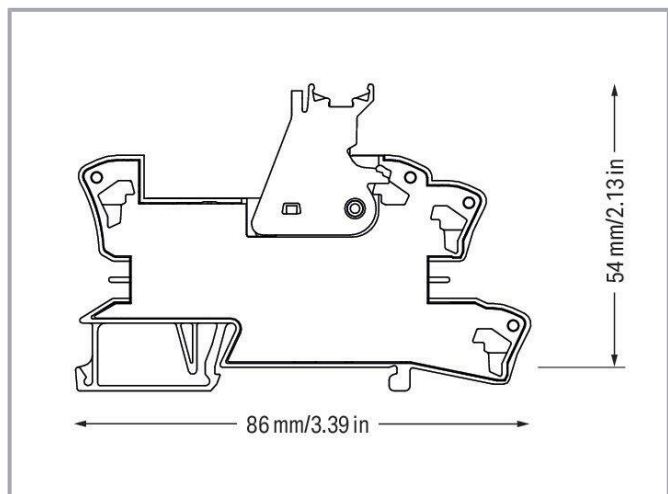
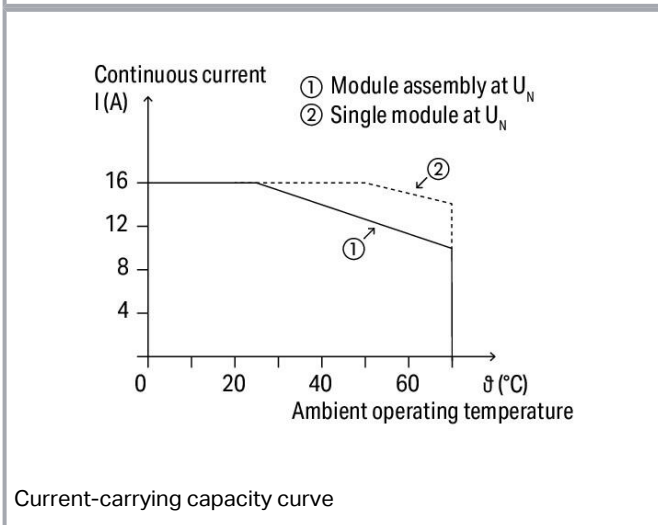
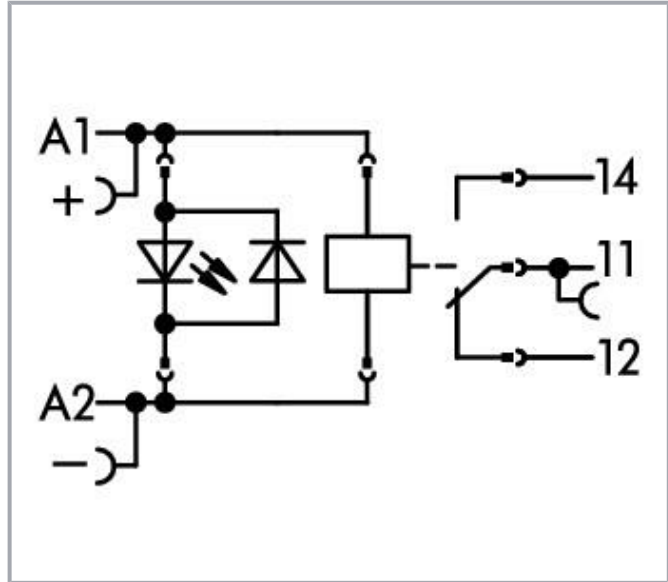
Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;
 Limiting continuous current: 16 A; for lamp loads; Red status indicator;
 Module width: 15 mm; 2,50 mm²; gray



www.wago.com/788-354



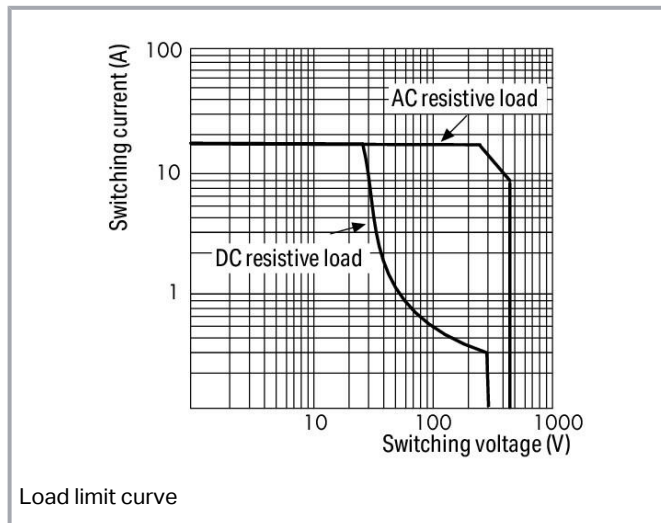
Color:



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

WAGO GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



Data

Notes

Safety information

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.

Note

Reinforced insulation between coil and contacts
To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Technical data

Control circuit

Nominal input voltage U_N DC 24 V

Input voltage range -15 ... +20 %

Nominal input current at U_N 19 mA

Load circuit

Number of changeover/switchover contacts 1

Contact material (relay) AgSnO_2

Limiting continuous current 16 A

Inrush current (resistive) max. (AC) 120 A / 0.05 s

Switching voltage (max.) AC 250 V

Switching power (resistive) max. AC 4000 VA; DC (see load limit curve)

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



Recommended minimum load	5 V / 100 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	5 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	10 x 10 ⁶ switching operations

Signaling

Status indicator	Red LED
------------------	---------

Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	3
Dielectric strength (control/load circuit) (AC, 1 min)	5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Safety information	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.
Protection type	IP20

Connection data

Connection technology	Push-in CAGE CLAMP [®]
Solid conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches

Physical data

Width	15 mm / 0.591 inches
Height	86 mm / 3.386 inches
Depth from upper-edge of DIN-rail	54 mm / 2.126 inches

Mechanical data

Mounting type	DIN-35 rail
---------------	-------------

Material data

Color	gray
-------	------

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



Fire load	0.927 MJ
Weight	44.1 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 ... +70 °C
Ambient temperature UL (operation at U_N)	-40 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C
Temperature range of connection cable	$\geq (T_{\text{ambient}} + 20 \text{ K})$

Standards and specifications

Standards/specifications	EN 61010-2-201 EN 61810-1 EN 61373 UL 508 (max. 10 A)
--------------------------	--

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
ECCN	NO DATA
PU (SPU)	20 (1) pcs
Packaging type	box
Country of origin	CN
GTIN	4055143184168
Customs tariff number	85364900990

Environmental Product Compliance



RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates



General approvals

Certificate






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

Logo	Approval	Additional Approval Text	name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.1 Sec. 6

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-








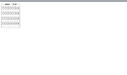




Optional accessories

Ferrule		
	Item no.:	
	216-241	Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white www.wago.com/216-241
	216-242	Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray www.wago.com/216-242
	216-243	Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red www.wago.com/216-243
	216-244	Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black www.wago.com/216-244
	216-542	Twin ferrule; Sleeve for 2 x 1 mm ² / AWG 2 x 18; red, insulated; 12 mm long; red www.wago.com/216-542

Marking accessories

Marking strip

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

	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
Marking device		
	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
Double marker carrier		
	Item no.: 209-128 Adaptor; gray	www.wago.com/209-128
Protective marker cover		
	Item no.: 209-184 Protection cover; transparent	www.wago.com/209-184
Marker		
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
	Item no.: 209-183 Marker; white	www.wago.com/209-183
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Item no.: 793-502 WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-502
	Item no.: 793-503 WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-503
	Item no.: 793-504 WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-504
	Item no.: 793-505 WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-505
Group marker carrier		
	Item no.: 209-145 Group marker carrier; white	www.wago.com/209-145

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



Item no.: 249-105
Group marker carrier; gray

Jumpers

Jumper



Item no.: 788-116
Jumper; for jumper slot; 6-way; insulated; light gray

www.wago.com/788-116



Item no.: 788-117
Jumper; for jumper slot; 8-way; insulated; light gray

www.wago.com/788-117



Item no.: 788-114
Jumper; for jumper slot; 3-way; insulated; light gray

www.wago.com/788-114



Item no.: 788-113
Jumper; for jumper slot; 2-way; insulated; light gray

www.wago.com/788-113



Item no.: 788-115
Jumper; for jumper slot; 4-way; insulated; light gray

www.wago.com/788-115



Item no.: 859-402
Jumper; for jumper slot; 2-way; insulated; light gray

www.wago.com/859-402



Item no.: 788-118
Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray

www.wago.com/788-118

Indicators

Status indication



Item no.: 788-120
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC

www.wago.com/788-120

Tool

Operating tool



Item no.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720

Downloads

Documentation

Bid Text

788-354

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



X81 - Datei	2019 Feb 19	xml 5.0 kB	Download
788-354 docx - Datei	2019 Jan 25	docx 17.0 kB	Download
ausschreiben.de 788-354		URL	Download

Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 2020 Oct 9	pdf 2.3 MB	Download
------------------------------------	-----------------------	---------------	----------

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
---	------------------------	---------------	----------

CAD/CAE-Data

CAD data

2D/3D Models 788-354		URL	Download
----------------------	--	-----	----------

CAE data

EPLAN Data Portal 788-354		URL	Download
ZUKEN Portal 788-354		URL	Download
WSCAD Universe 788-354		URL	Download

Asset Administration Shell

Asset Administration Shell 788-354		URL	Download
------------------------------------	--	-----	----------

Environmental Product Compliance

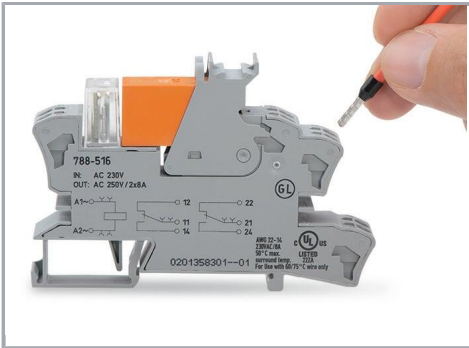
Compliance Search

Environmental Product Compliance 788-354 Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A; for lamp loads; Red status indicator; Module width: 15 mm; 2,50 mm ² ; gray		URL	Download
--	--	-----	----------

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

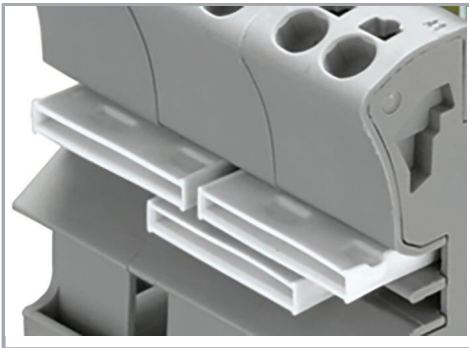
Installation Notes

Conductor termination



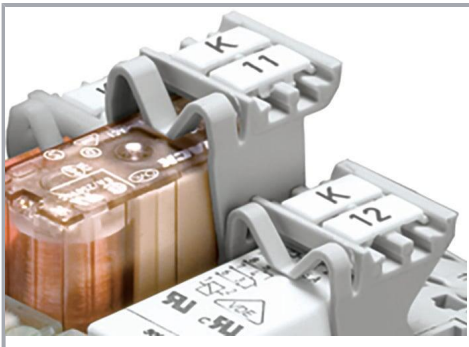
Conductor termination

Commoning



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers.

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