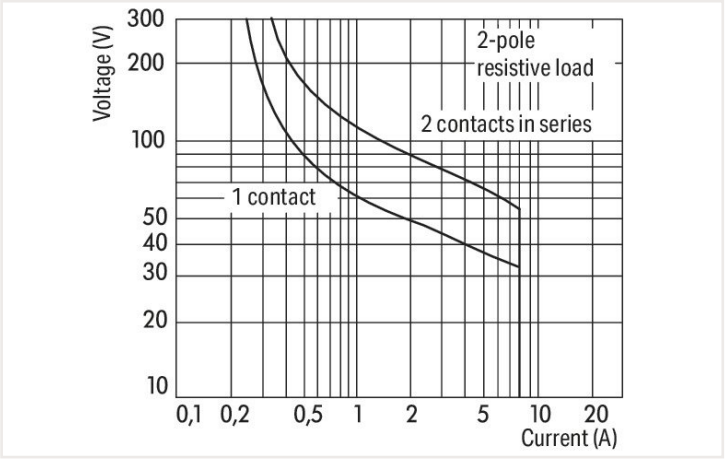
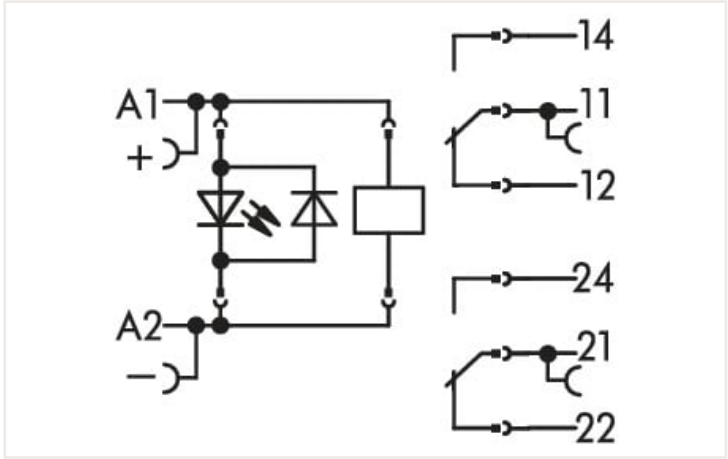
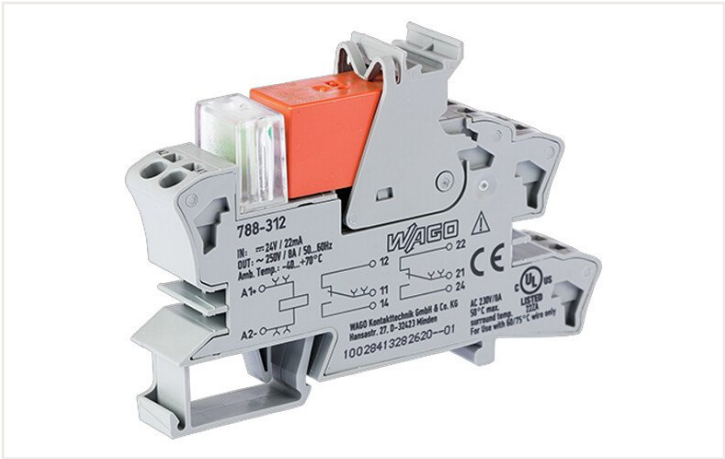
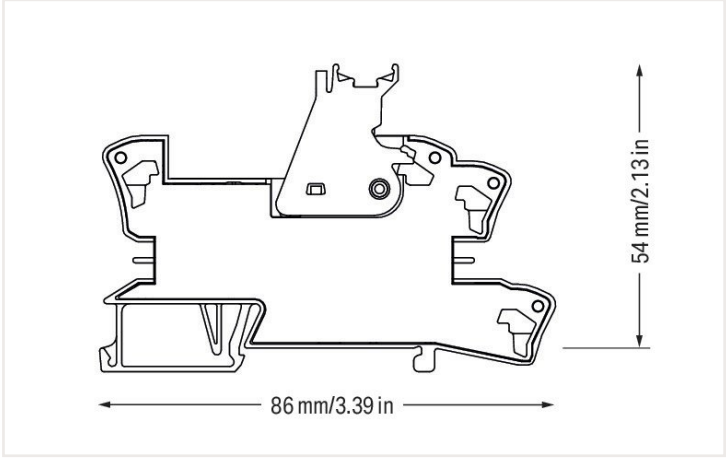


Data sheet | Item number: 788-312

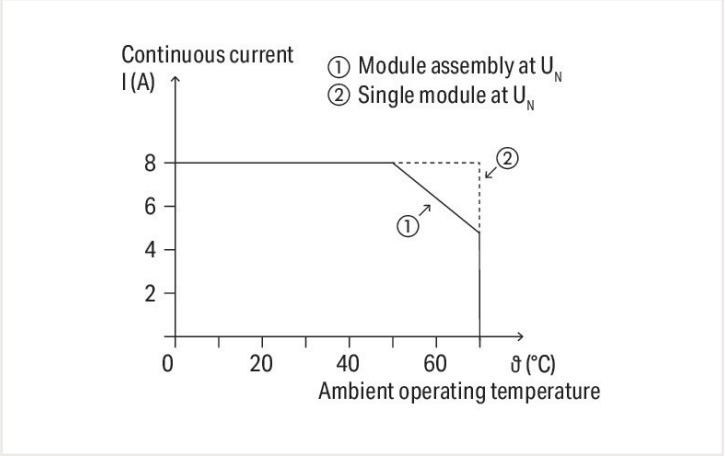
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Red status indicator; Module width: 15 mm; 2,50 mm²; gray



DC load limit curve



Dimensions in mm



Current-carrying capacity curve



Notes	
Safety information 1	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	Load circuit
Nominal input voltage U _N	DC 24 V
Input voltage range	±10 %
Nominal input current at U _N	19 mA
	Number of changeover/switchover contacts
	2
	Contact material (relay)
	AgNi 90/10
	Limiting continuous current
	8 A
	Inrush current (resistive) max.
	(AC) 15 A / 4 s
	Switching voltage (max.)
	AC 250 V
	Switching power (resistive) max.
	AC 2000 VA; DC (see load limit curve)
	Switching capacity
	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
	Recommended minimum load
	12 V / 10 mA
	Pull-in time (typ.)
	8 ms
	Drop-out time (typ.)
	13 ms
	Bounce time (typ.)
	10 ms
	Electrical life (NO; resistive load; 23 °C)
	10 x 10 ³ switching operations
	Mechanical life
	30 x 10 ⁶ switching operations
	Switching frequency with/without load (max.)
	6 min ⁻¹ / 1200 min ⁻¹

Signaling	Safety and protection
Status indicator	Red LED
	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
	Dielectric strength (load/load circuit) (AC, 1 min)
	2.5 kVrms
	Safety information 1
	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 mm² / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm² / 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
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Material data

Color	gray
Fire load	1.35 MJ
Weight	45.5 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 ... 70 °C
Ambient temperature UL (operation at U_N)	-40 ... 50 °C
Surrounding air temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C

Standards and specifications

Standards/specifications	EN 61010-2-201 EN 61810-1 EN 61373 UL 508
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Basic relay

WAGO Basic Relay	788-156
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Commercial data

Product Group	6 (Interface Electronics)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	20 (1) Stück
Packaging type	Box
Country of origin VKOrg Germany	CN
GTIN	4055143184137
Customs tariff number VKOrg Germany	85364900990

Approvals and certificates

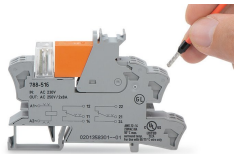
Country specific Approvals

UL-Approvals

					
Approval	Standard	Certificate name	Approval	Standard	Certificate name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19	UL UL International Nether- lands B.V. (ORDINARY LO- CATIONS)	UL 508	E175199 Sec.6

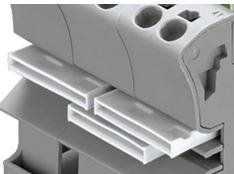
Installation notes

Conductor termination



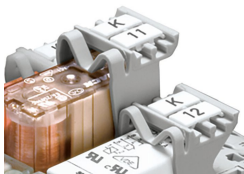
Conductor termination

Commoning



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers.