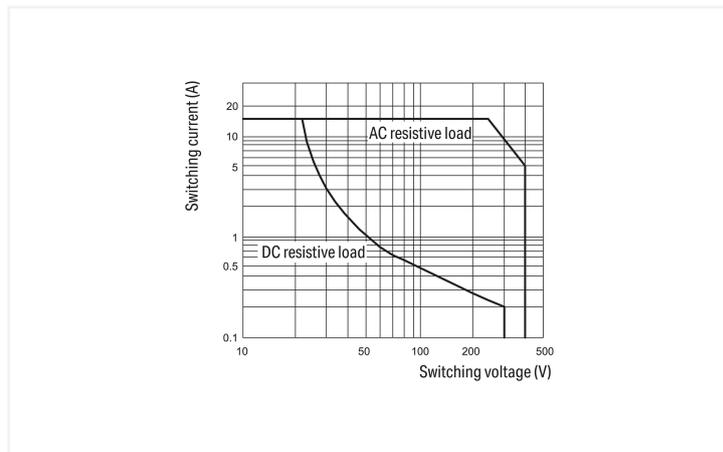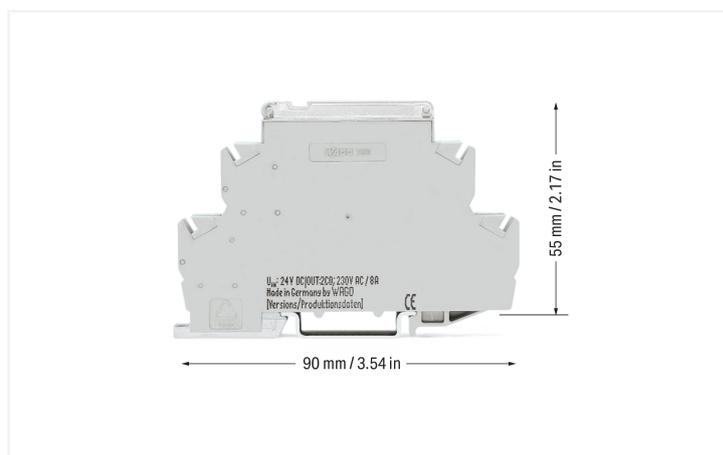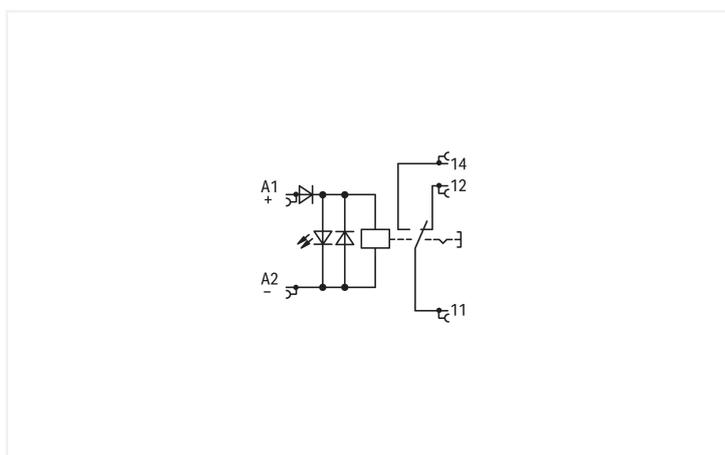# Data Sheet | Item Number: 789-1341

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 12 A; with manual operation; Red status indicator; Module width: 18 mm; 2,50 mm²

https://www.wago.com/789-1341

Load limit curve

Notes	
Note	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	24 VDC
Input voltage range	±10 %
Nominal input current at U_N	17 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi
Limiting continuous current	12 A
Inrush current (resistive) max.	(AC) 30 A / 0.02 s; (AC) 24 A / 4 s
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 3000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	8 ms

Load circuit

Bounce time (typ.)	6 ms
Mechanical life	5×10^6 switching operations

Signaling

Status indicator	Red LED

Safety and protection

Rated Voltage	250 V
Rated impulse withstand voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3.5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Protection type	IP20

Connection Data

Connection technology	CAGE CLAMP®
Solid conductor	0.2 … 2.5 mm² / 24 … 14 AWG
Fine-stranded conductor	0.2 … 2.5 mm² / 24 … 14 AWG
Strip length	9 … 10 mm / 0.35 … 0.39 inches

Physical data

Width	17.5 mm / 0.689 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

Mechanical data

Housing design	DIN-rail-mount enclosure
Mounting type	DIN-35 rail

Material data

Note (material data)	Information on material specifications can be found here
Fire load	0.755 MJ
Weight	50.8 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 … +50 ℃
Ambient temperature (storage)	-40 … +70 ℃
Processing temperature	-25 … +50 ℃

Standards and Specifications

Standards/specifications	EN 60664-1

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821386728
Customs tariff number	85364900990

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-14-23-09
eCl@ss 9.0	27-14-23-09
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a)
SCIP notification number (Bulgaria)	5cf6c72e-7f41-417b-b92d-3f6f266fbfee
SCIP notification number (Czech Republic)	08bfecbe-d802-4595-87a4-e46bf334dc13

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 789-1341

Documentation

Bid Text

789-1341	19.02.2019	xml 4.47 KB	↓
789-1341	20.02.2019	docx 16.80 KB	↓

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 789-1341	↓

CAE data

EPLAN Data Portal 789-1341	↓
WSCAD Universe 789-1341	↓
ZUKEN Portal 789-1341	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

Item No.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

Item No.: 216-243
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

Item No.: 216-244
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

1.1.2 Jumper

1.1.2.1 Jumper

Item No.: 789-112
Jumper; 12-way; silver-colored

1.1.3 Marking

1.1.3.1 Marker

Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 248-502
Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-566
Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-503
Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-504
Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-506
Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-452
Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-450
Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white

1.1.3.1 Marker

Item No.: 248-451
Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-455
Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-453
Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-454
Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.3.2 Marking device

Item No.: 210-110
Fiber-tip pen

1.1.4 Tool

1.1.4.1 Operating tool

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

Installation Notes

Conductor termination

Inserting a conductor.

Commoning

Easy commoning via adjacent jumpers.

Marking

Marking via Mini-WSB Quick Marking System.

Current addresses can be found at:: www.wago.com