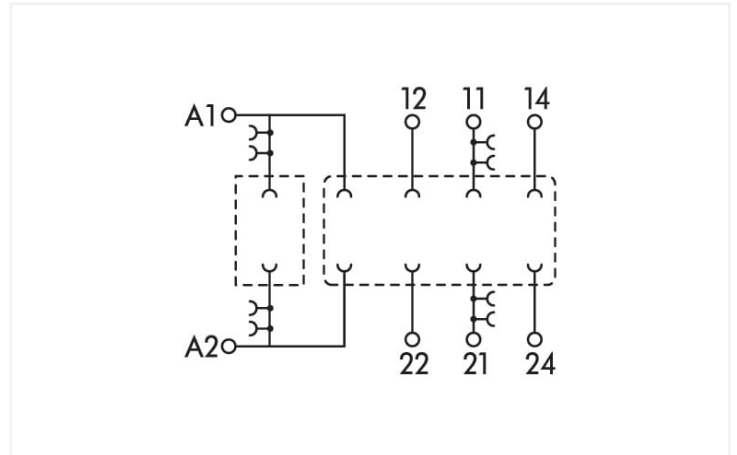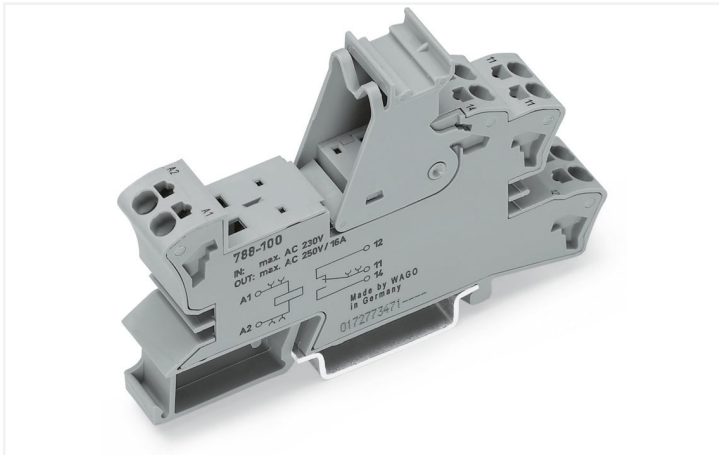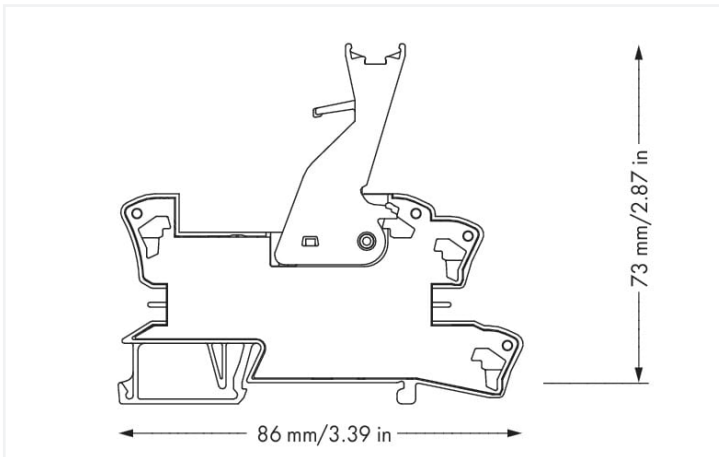# Data Sheet | Item Number: 788-109

Relay socket; 2 changeover contacts; with manual operation; for 25 mm basic relays

Similar to illustration

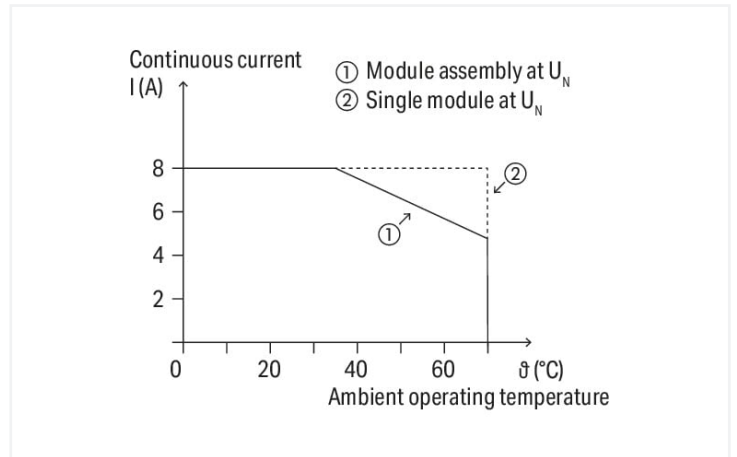

Dimensions in mm

Current-carrying capacity curve

Notes

Note	The specified technical data are maximum values. They may be limited by the accessories used.

Technical data

Control circuit

Nominal input voltage U_N	AC/DC 230 V
Input voltage range	AC/DC 0 … 250 V
Nominal frequency range	50 … 60 Hz

Load circuit

Number of changeover/switchover contacts	2
Limiting continuous current	8 A
Switching voltage (max.)	AC 300 V
Nominal frequency range	≤60 Hz

Safety and protection

Rated voltage	300 V
Overvoltage category	II
Pollution degree	3
Dielectric strength (control/load circuit) (AC, 1 min)	3.6 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (load/load circuit)	Basic insulation
Insulation type (between adjacent devices of the same type)	Basic insulation
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	73 mm / 2.874 inches

Mechanical data

Mounting type	DIN-35 rail

Material data

Fire load	0.669 MJ
Weight	32.1 g
Relative temperature index for plastic (RTI acc. to UL)	105 °C

Environmental requirements

Ambient temperature (operation at U_N)	-40 … +70 °C
Ambient temperature (storage)	-40 … +80 °C
Processing temperature	-25 … +50 °C
Temperature range of connection cable	≥ ($T_{ambient}$ + 20 K)
Relative humidity	5 … 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

Standards and specifications

Standards/specifications	EN 61010-2-201

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-03
eCl@ss 9.0	27-37-16-03
ETIM 8.0	EC001456
ETIM 7.0	EC001456
PU (SPU)	15 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454931049
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-109	↓

Documentation

Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 09.10.2020	pdf 2271.22 KB	↓

CAD/CAE-Data

WAGO

CAD data
2D/3D Models 788-109 ↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay

Item No.: 788-936
Basic relay; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 8 A; with manual operation; Module width: 13 mm

1.1.2 Ferrule

1.1.2.1 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

Item No.: 216-542
Twin ferrule; Sleeve for 2 x 1 mm² / AWG 2 x 18; red, insulated; 12 mm long; red

1.1.3 Filter module

1.1.3.1 Suppressor module

Item No.: 788-148
Filter module; RC filter element; Nominal voltage: 230 VAC

1.1.4 Indicators

1.1.4.1 Status indication

Item No.: 788-124
Accessories for relay modules; Operation status indicator: red

Item No.: 788-125
Accessories for relay modules; Operation status indicator: red

Item No.: 788-121
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage range: 48 … 60 VDC

Item No.: 788-122
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 110 VDC

Item No.: 788-123
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VAC

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

1.1.5 Jumper

1.1.5.1 Jumper

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

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

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

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

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

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

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

1.1.6 Marking

1.1.6.1 Double marker carrier

Item No.: 209-128
Adaptor; gray

1.1.6.2 Group marker carrier

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

Item No.: 209-145
Group marker carrier; white

1.1.6.3 Marker

Item No.: 209-183
Marker; white

Item No.: 793-502
WMB marking card; as card; MARKED; 1 … 10 (10x); not stretchable; Horizontal marking; snap-on type; white

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

Item No.: 793-504
WMB marking card; as card; MARKED; 21 … 30 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 793-505
WMB marking card; as card; MARKED; 31 … 40 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

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1.1.6.4 Marking devices

Item No.: 210-110
Fiber-tip pen

1.1.6.5 Marking strip

Item No.: 2009-110
Marking strips; for Smart Printer; on reel;
not stretchable; plain; snap-on type; white

1.1.6.6 Protective marker cover

Item No.: 209-184
Protection cover; transparent

1.1.7 Tool

1.1.7.1 Operating tool

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

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

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