Data Sheet | Item Number: 2757-1102

Home Relay; 1DI/1DO; 16 A; Thread

https://www.wago.com/2757-1102







Home relay, 2757 Series, Push-in CAGE CLAMP®

Our home relay (item number 2757-1102) simplifies electrical installations. Conductors should only be connected to home relay if their strip length is between 8 and 9 mm . This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. Dimensions: (46 x 46 x 22) mm (width x height x depth). Home relay is suitable for conductor cross-sections ranging from 0.14 mm² to 2.5 mm².

- Actuation via lever
- Compact sizes
- Safe and fast installation

Notes

Safety Information	**Do not work when products are energized!** High voltage can cause electric shock or burns. Disconnect all power sources to the product prior to performing any installation, repair or maintenance work. **Observe the product documentation!** Before installation and operation, please read the product documentation thoroughly and carefully. In addition, note the information on the product housing. More specifi cations are available in the product datasheet and at www.wago.com/<item number>. **Only for qualifi ed electrical specialists!** The product must only be installed and put into operation by qualified electrical specialists per EN 50110 1/-2 and IEC 60364. Any stricter rules of local law shall take priority. **Observe instructions for disposal!** This product is subject to the provisions of the Waste Electrical and Electronic Equipment Directive. For more information about disposal, please visit www.wago.com.

Device data

Radio technology	Thread®
Communication standards	Matter®
Function	Electronic switch
Control Elements	Reset button
Indicators	Status LED

Module supply

Voltage range	200 … 240 V ~; 45 … 65 Hz
Power loss P_l	< 1.0 W typ.

Inputs/outputs

Number of inputs	1x Push-Button/Switch
Voltage range for signal (1)	200 … 240 VAC (digital input)
Number of outputs	1
Output current (per channel)	Load max.: 16 AX, 200 W (LED)
Electrical switching operations (min.) (at max. resistive load)	25 x 10^3 switching operations
Output characteristic	Latching

Connection Data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.14 … 2.5 mm² / 26 … 14 AWG
Solid conductor; push-in termination	0.5 … 2.5 mm² / 22 … 14 AWG
Fine-stranded conductor	0.14 … 2.5 mm² / 26 … 14 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches

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Physical data

Width	46 mm / 1.811 inches
Height	46 mm / 1.811 inches
Depth	22 mm / 0.866 inches

Mechanical data

Mounting type	The Product fits into a flush mounted box

Material data

Color	white
Housing material	Plastic
Weight	44.3 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-5 … +35 °C
Ambient temperature (storage)	-25 … +75 °C
Relative humidity	15 … 85 % (without condensation)
Operating altitude	0 … 2000 m / 0 … 6562 ft
Protection type	IP00
Pollution degree	2
Protection	Overcurrent, Overtemperature

Data Act

Pre-contractual Information	Data-Act-INT-WAGO-Home-Automation

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966801682
Customs tariff number	85365080000

Product Classification

UNSPSC	39122333
ETIM 10.0	EC001588
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I

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Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
VDE VDE Prüf- und Zertifizierungsinstitut	-	40059771

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2757-1102

Documentation

Manual

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CAD/CAE-Data

CAD data

2D/3D Models 2757-1102