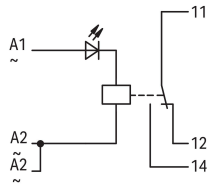
Data Sheet | Item Number: 286-507

Relay module; Nominal input voltage: 115 VAC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm; gray

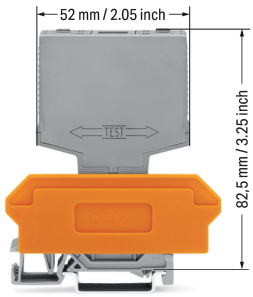
https://www.wago.com/286-507





Color: gray

Similar to illustration



Technical data

Control circuit

Nominal input voltage U_N	115 VAC
Input voltage range	±10 %
Nominal input current at U_N	7 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 0.15
Limiting continuous current	7 A
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 1750 VA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10^3 switching operations
Mechanical life	30 x 10^6 switching operations

Signaling

Status indicator	Red LED

Safety and protection

Rated Voltage	300 V
Rated impulse withstand voltage	4 kV
Overvoltage category	II
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	4 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Protection type	IP20

Physical data

Width	15 mm / 0.591 inches
Height	52 mm / 2.047 inches
Depth from upper-edge of DIN-rail	82.5 mm / 3.248 inches
Note (dimensions)	Depth including carrier terminal block

Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.293 MJ
Weight	31.1 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 … +40 °C
Ambient temperature (storage)	-25 … +70 °C
Processing temperature	-25 … +50 °C
Relative humidity	5 … 75 % (no condensation permissible)
Operating altitude (max.)	2000 m

Standards and Specifications

Standards/specifications	EN 61010-2-201

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	15 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454552039
Customs tariff number	85364900990

Continued on next page

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-507

Documentation

Bid Text

286-507	19.02.2019	xml 3.69 KB	
286-507	22.03.2018	doc 26.00 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 286-507

CAE data

WSCAD Universe 286-507

ZUKEN Portal 286-507

Continued on next page

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marker



Item No.: 209-701
WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.2 Terminal blocks

1.1.2.1 Terminal block for pluggable modules

Item No.: 280-619
Terminal block for pluggable modules; 6-pole; with 2-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



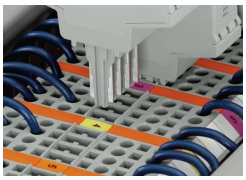
Item No.: 280-763
Terminal block for pluggable modules; 6-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



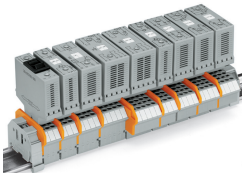
Item No.: 280-609
Terminal block for pluggable modules; 6-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

Installation

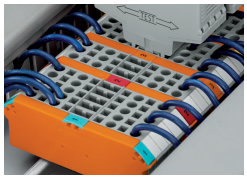


Coding ensures correct polarity.



Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

Marking



Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots