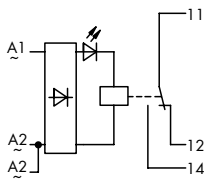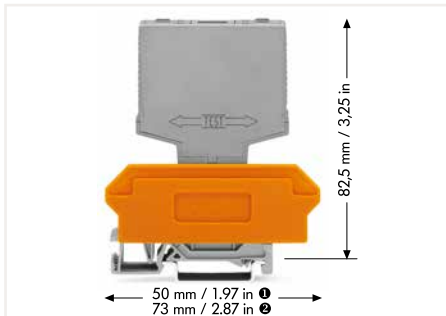# Relay Module
286 Series

Relay Module; 1 changeover contact; Limiting continuous current: 7 A; Status indicator: red; 15 mm wide

U_N	I_N	Item No.	Pack. Unit
115 VAC	6.1 mA	286-507	1
230 VAC	4.8 mA	286-508	1

50 mm / 1.97 in ❶
73 mm / 2.87 in ❷

82,5 mm / 3,25 in

Control Circuit	
Input nominal voltage range	±10 %

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

Signaling	
Status indicator	Red LED

Safety and Protection	
Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	$4\ kV_{rms}$
Dielectric strength, open contact (AC, 1 min)	$1\ kV_{rms}$
Protection type	IP20

Physical Data	
Width	15 mm / 0.591 inch
Height from upper-edge of DIN-rail	82.5 mm / 3.248 inch
Depth	52 mm / 1.654 inch

Mechanical Data	
Mounting type	Pluggable relay module for terminal block for pluggable modules

Material Data	
Weight	31.1 g

Environmental Requirements	
Surrounding air temperature (operation at U_N)	−25 ... +40 °C
Surrounding air temperature (storage)	−25 ... +70 °C
Processing temperature	−25 ... +50 °C

Standards and Specifications	
Standards/specifications	EN 60664-1

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Accessories

Terminal block for pluggable modules; 6-pole; with 2-conductor terminal blocks; with orange separator; for 35 x 15 mm and 35 x 7.5 mm DIN-rails; 2.5 mm²

Item No.	Pack. Unit
280-619	30

Terminal block for pluggable modules; 12-pole; with 4-conductor terminal blocks; with orange separator; for 35 x 15 mm and 35 x 7.5 mm DIN-rails; 2.5 mm²

Item No.	Pack. Unit
280-609	30

Terminal block for pluggable modules; 12-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for 35 x 15 mm and 35 x 7.5 mm DIN-rails; 2.5 mm²

Item No.	Pack. Unit
280-763	25