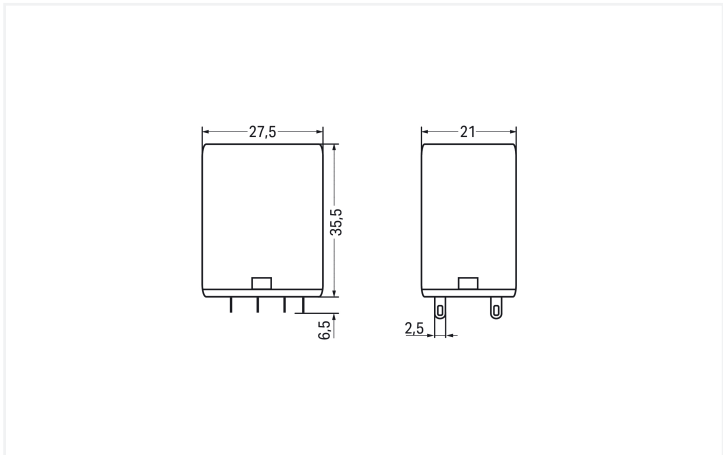
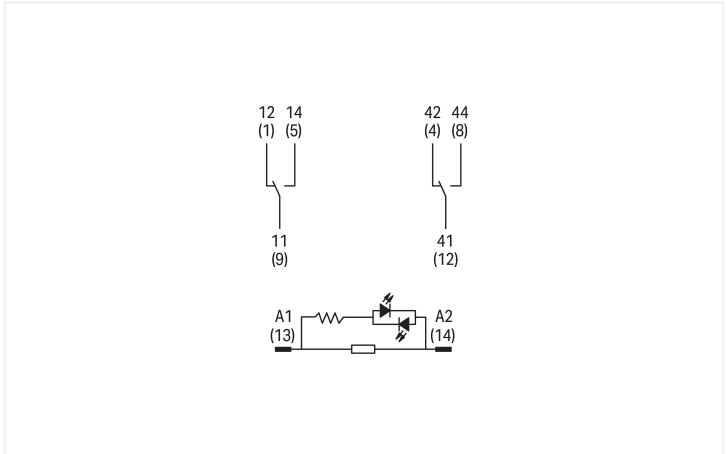
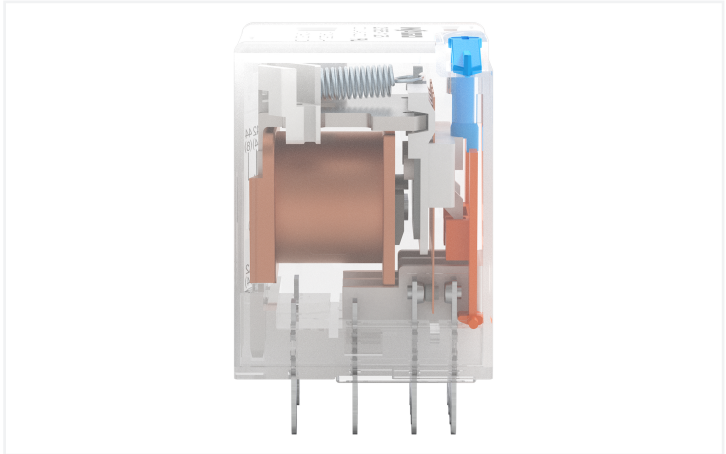


Data Sheet | Item Number: 2585-125

Basic relay; Nominal input voltage: 48 VDC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm

<https://www.wago.com/2585-125>





Technical data

Control circuit		Load circuit	
Nominal input voltage U_N	48 VDC	Number of changeover/switchover contacts	2
Input voltage range	38.4 ... 52.8 VDC	Contact material (relay)	AgSnO ₂
Nominal input current at U_N	20.6 mA	Limiting continuous current	10 A
		Inrush current (resistive) max.	(AC) 30 A / 0.03 s
		Switching Voltage, Max.	250 VAC; 30 VDC
		Switching power (resistive) max.	AC 2500 VA; DC 300 W
		Utilization category	AC-15: 3 A / 250 VAC DC-13: 2 A / 30 VDC
		Recommended minimum load	5 V / 100 mA
		Pull-in time (typ.)	25 ms
		Drop-out time (typ.)	25 ms
		Bounce time (typ.)	4 ms
		Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
		Mechanical life	10 x 10 ⁶ switching operations

Signaling	
Status indicator	Yellow LED Mechanical

Safety and protection	
Dielectric strength (control/load circuit) (AC, 1 min)	2.5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1.5 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	2.5 kVrms
Protection type	IP20

Physical data	
Width	21 mm / 0.827 inches
Height from the surface	35.5 mm / 1.398 inches
Depth	27.5 mm / 1.083 inches

Mechanical data	
Mounting type	Pluggable module

Material data	
Note (material data)	Information on material specifications can be found here
Weight	35 g

Environmental requirements	
Ambient temperature (operation at U_N)	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	20 ... 80 % (no condensation permissible)

Standards and Specifications		
Standards/specifications	EN 61810-1 UL 508	

Commercial data		
PU (SPU)	10 pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4066966757514	
Customs tariff number	85364900990	

Product Classification		
UNSPSC	39122334	
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
UL Underwriters Laboratories Inc.	-	E340707

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2585-125	

CAD/CAE-Data

CAD data	
2D/3D Models 2585-125	



1 Compatible Products
1.1 Optional Accessories
1.1.1 Socket
1.1.1.1 Socket without relay



Item No.: 2585-102
Relay socket; 2 changeover contacts