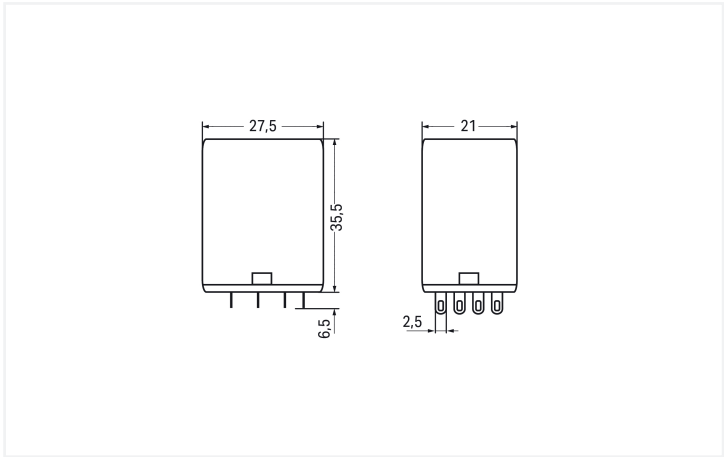
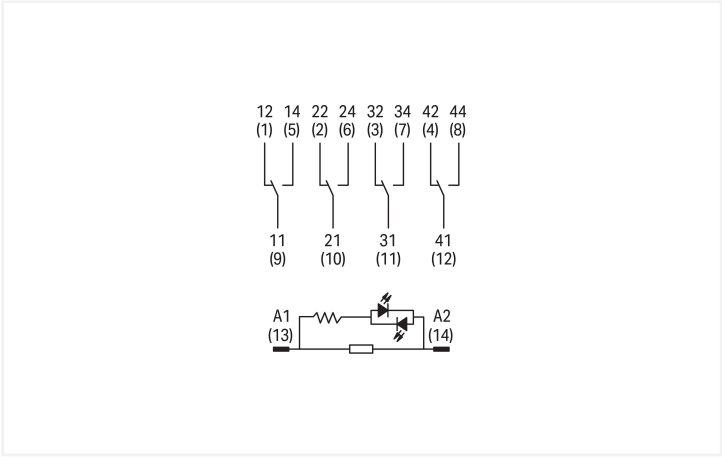
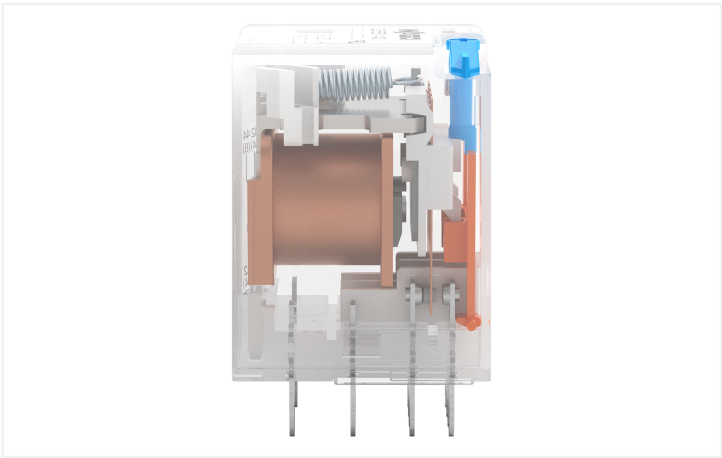
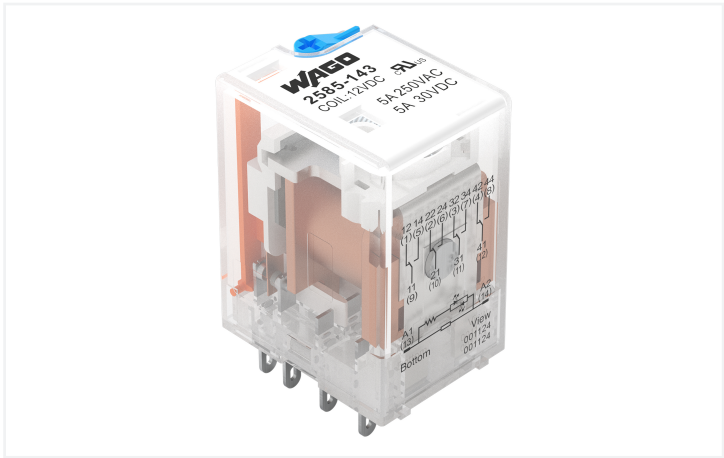


Data Sheet | Item Number: 2585-143

Basic relay; Nominal input voltage: 12 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm

<https://www.wago.com/2585-143>





Technical data

Control circuit		Load circuit	
Nominal input voltage U _N	12 VDC	Number of changeover/switchover con- tacts	4
Input voltage range	9.6 ... 13.2 VDC	Contact material (relay)	AgSnO ₂
Nominal input current at U _N	71.2 mA	Limiting continuous current	5 A
		Inrush current (resistive) max.	(AC) 15 A / 0.03 s
		Switching Voltage, Max.	250 VAC; 30 VDC
		Switching power (resistive) max.	AC 1250 VA; DC 150 W
		Switching capacity	AC-15: 1.5 A / 250 VAC; DC-13: 1 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)	1.5 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
Fire load	0 MJ
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		4066966757477
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 2585-143





CAD/CAE-Data	
CAD data	
2D/3D Models 2585-143	

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



[Item No.: 2585-104](#)
Relay socket; 4 changeover contacts