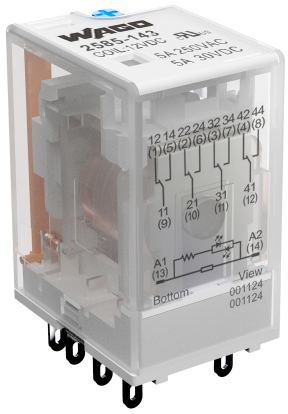
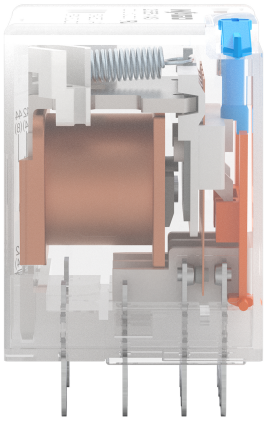
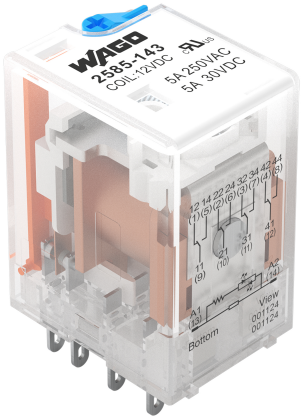
Data Sheet | Item Number: 2585-143

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

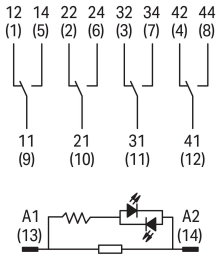
https://www.wago.com/2585-143

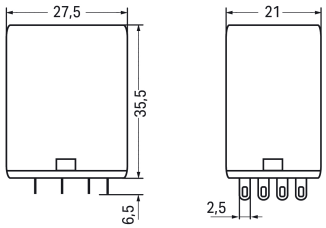












Technical data

Control circuit

Nominal input voltage U_N	12 VDC
Input voltage range	9.6 … 13.2 VDC
Nominal input current at U_N	71.2 mA

Load circuit

Number of changeover/switchover contacts	4
Contact material (relay)	$AgSnO_2$
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
Utilization category	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
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)

Continued on next page

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

Continued on next page

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