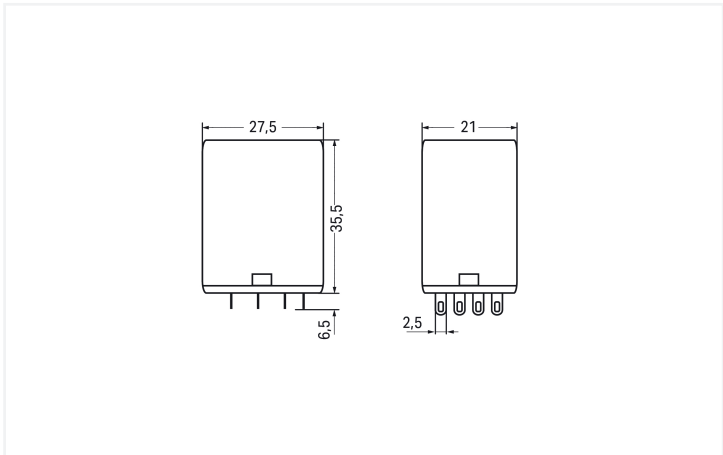
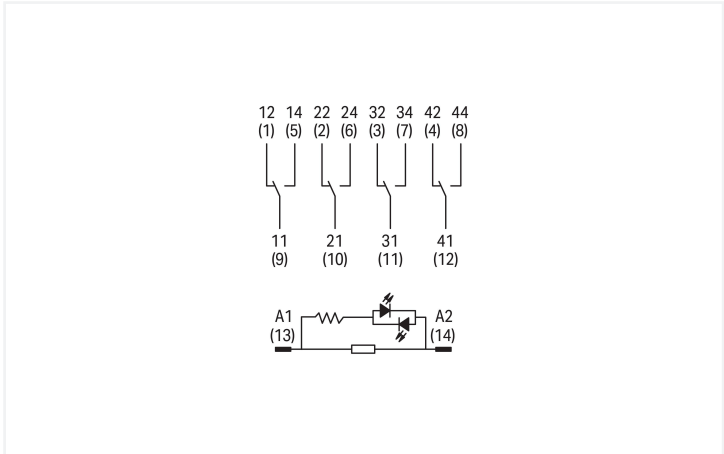
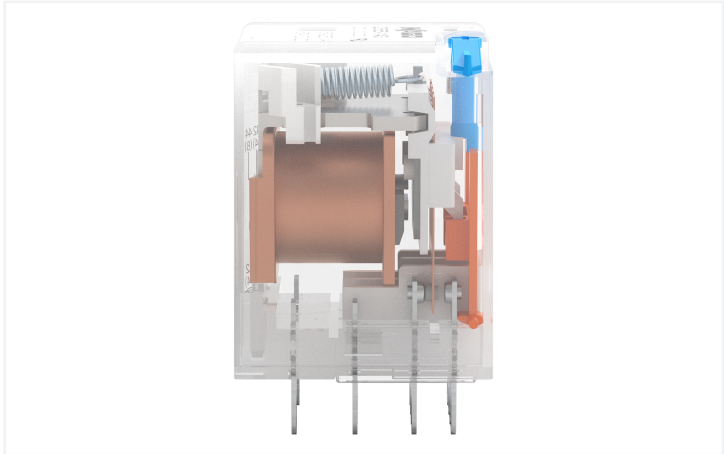
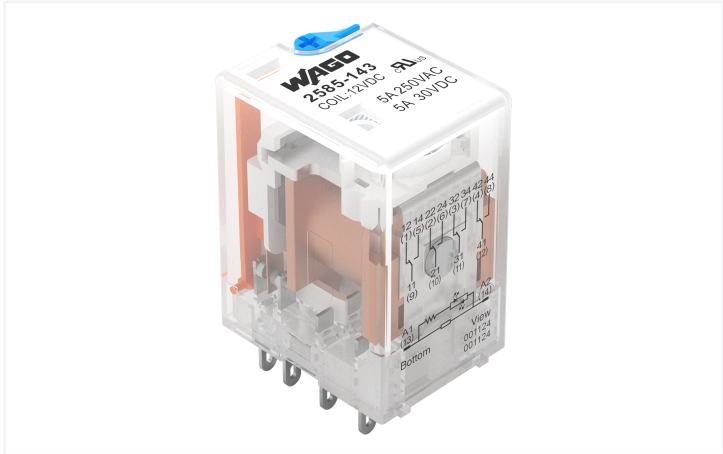


Data Sheet | Item Number: 2585-143

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 contacts	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
		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

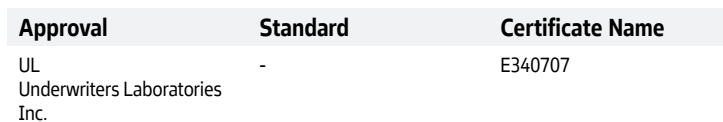
Environmental requirements	
Ambient temperature (operation at U _N)	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	20 ... 80 % (no condensation permissible)

PU (SPU)	10 pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966757477
Customs tariff number	85364900990

UNSPSC	39122334
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

RoHS Compliance Status	Compliant, No Exemption
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General approvals	
1. The proposed project is consistent with the applicable zoning ordinance.	
2. The proposed project is consistent with the applicable subdivision ordinance.	
3. The proposed project is consistent with the applicable health, safety, and welfare ordinance.	
4. The proposed project is consistent with the applicable environmental ordinance.	
5. The proposed project is consistent with the applicable historic preservation ordinance.	
6. The proposed project is consistent with the applicable floodplain management ordinance.	
7. The proposed project is consistent with the applicable coastal zone management ordinance.	
8. The proposed project is consistent with the applicable wetlands ordinance.	
9. The proposed project is consistent with the applicable riparian zone ordinance.	
10. The proposed project is consistent with the applicable shoreline ordinance.	
11. The proposed project is consistent with the applicable beach ordinance.	
12. The proposed project is consistent with the applicable dune ordinance.	
13. The proposed project is consistent with the applicable bluff ordinance.	
14. The proposed project is consistent with the applicable erosion control ordinance.	
15. The proposed project is consistent with the applicable sediment control ordinance.	
16. The proposed project is consistent with the applicable stormwater management ordinance.	
17. The proposed project is consistent with the applicable water quality ordinance.	
18. The proposed project is consistent with the applicable air quality ordinance.	
19. The proposed project is consistent with the applicable noise ordinance.	
20. The proposed project is consistent with the applicable light ordinance.	
21. The proposed project is consistent with the applicable radio frequency ordinance.	
22. The proposed project is consistent with the applicable telecommunications ordinance.	
23. The proposed project is consistent with the applicable utility ordinance.	
24. The proposed project is consistent with the applicable public works ordinance.	
25. The proposed project is consistent with the applicable transportation ordinance.	
26. The proposed project is consistent with the applicable parking ordinance.	
27. The proposed project is consistent with the applicable bicycle ordinance.	
28. The proposed project is consistent with the applicable pedestrian ordinance.	
29. The proposed project is consistent with the applicable accessibility ordinance.	
30. The proposed project is consistent with the applicable universal design ordinance.	
31. The proposed project is consistent with the applicable inclusive design ordinance.	
32. The proposed project is consistent with the applicable social justice ordinance.	
33. The proposed project is consistent with the applicable equity ordinance.	
34. The proposed project is consistent with the applicable community development ordinance.	
35. The proposed project is consistent with the applicable affordable housing ordinance.	
36. The proposed project is consistent with the applicable workforce housing ordinance.	
37. The proposed project is consistent with the applicable senior housing ordinance.	
38. The proposed project is consistent with the applicable family housing ordinance.	
39. The proposed project is consistent with the applicable student housing ordinance.	
40. The proposed project is consistent with the applicable employee housing ordinance.	
41. The proposed project is consistent with the applicable long-term care ordinance.	
42. The proposed project is consistent with the applicable assisted living ordinance.	
43. The proposed project is consistent with the applicable nursing home ordinance.	
44. The proposed project is consistent with the applicable psychiatric hospital ordinance.	
45. The proposed project is consistent with the applicable substance abuse treatment ordinance.	
46. The proposed project is consistent with the applicable mental health ordinance.	
47. The proposed project is consistent with the applicable addiction treatment ordinance.	
48. The proposed project is consistent with the applicable behavioral health ordinance.	
49. The proposed project is consistent with the applicable health care ordinance.	
50. The proposed project is consistent with the applicable medical office ordinance.	
51. The proposed project is consistent with the applicable dental office ordinance.	
52. The proposed project is consistent with the applicable veterinary office ordinance.	
53. The proposed project is consistent with the applicable day care ordinance.	
54. The proposed project is consistent with the applicable preschool ordinance.	
55. The proposed project is consistent with the applicable elementary school ordinance.	
56. The proposed project is consistent with the applicable middle school ordinance.	
57. The proposed project is consistent with the applicable high school ordinance.	
58. The proposed project is consistent with the applicable college ordinance.	
59. The proposed project is consistent with the applicable university ordinance.	
60. The proposed project is consistent with the applicable research ordinance.	
61. The proposed project is consistent with the applicable development ordinance.	
62. The proposed project is consistent with the applicable manufacturing ordinance.	
63. The proposed project is consistent with the applicable industrial ordinance.	
64. The proposed project is consistent with the applicable warehouse ordinance.	
65. The proposed project is consistent with the applicable distribution ordinance.	
66. The proposed project is consistent with the applicable retail ordinance.	
67. The proposed project is consistent with the applicable service ordinance.	
68. The proposed project is consistent with the applicable entertainment ordinance.	
69. The proposed project is consistent with the applicable recreation ordinance.	
70. The proposed project is consistent with the applicable park ordinance.	
71. The proposed project is consistent with the applicable sports ordinance.	
72. The proposed project is consistent with the applicable fitness ordinance.	
73. The proposed project is consistent with the applicable health ordinance.	
74. The proposed project is consistent with the applicable wellness ordinance.	
75. The proposed project is consistent with the applicable lifestyle ordinance.	
76. The proposed project is consistent with the applicable culture ordinance.	
77. The proposed project is consistent with the applicable arts ordinance.	
78. The proposed project is consistent with the applicable heritage ordinance.	
79. The proposed project is consistent with the applicable history ordinance.	
80. The proposed project is consistent with the applicable memory ordinance.	
81. The proposed project is consistent with the applicable identity ordinance.	
82. The proposed project is consistent with the applicable character ordinance.	
83. The proposed project is consistent with the applicable sense ordinance.	
84. The proposed project is consistent with the applicable feeling ordinance.	
85. The proposed project is consistent with the applicable thought ordinance.	
86. The proposed project is consistent with the applicable action ordinance.	
87. The proposed project is consistent with the applicable result ordinance.	
88. The proposed project is consistent with the applicable purpose ordinance.	
89. The proposed project is consistent with the applicable goal ordinance.	
90. The proposed project is consistent with the applicable vision ordinance.	
91. The proposed project is consistent with the applicable mission ordinance.	
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100. The proposed project is consistent with the applicable vision ordinance.	



Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2585-143	

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