

Plug-in Relay 14 pin 4 C/O 5A 24VDC, S-Relay RS5

S-Relay, Serie RS5



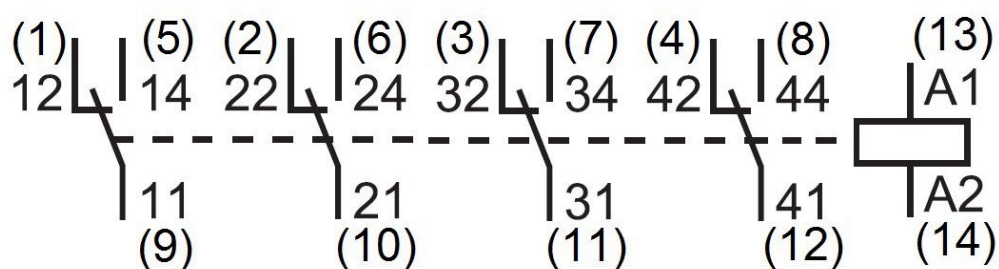
Technical Data

Min. ambient temperature (°C)	-55
Max. ambient temperature (°C)	70
Switching contacts	4 CO
Contact current (A)	5
DC coil (V)	24
Rated current [Resistive load] (A)	5
Rated voltage [Resistive load]	250VAC / 30VDC
Switching capacity [Resistive]	1250VA / 150W
Contact material	Ag alloy
Initial contact resistance (Ohm)	≤ 50mΩ
Electrical endurance (Operation cycle)	≥ 10 ⁵ operations (1800 operations/h)
Mechanical durability	≥ 10 ⁷ operations (18000 operations/h)
Pick-up voltage DC (V)	≤ 75% (Rated voltage)
Drop-out voltage DC	≥ 10% (Rated voltage)
Maximum voltage (V)	110% (Rated voltage)
Insulation resistance (MΩ*km)	≥ 500mΩ (500VDC)
Coil operating power [DC] (W)	~ 0,9W

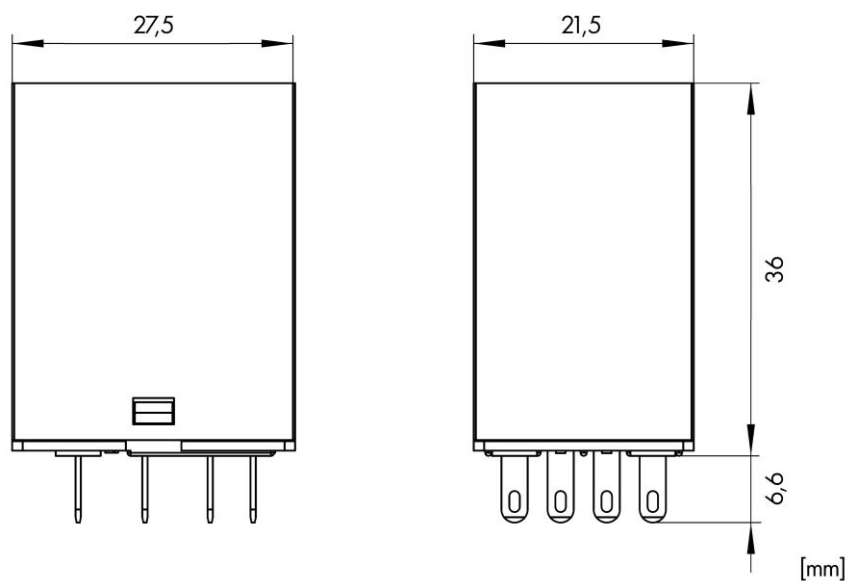
Technical Data - continued

Operate time [at nominal voltage] (ms)	≤ 20ms
Release time [at nominal voltage] (ms)	≤ 20ms
Initial breakdown voltage	-
Between open contacts	1000VAC/1 min
Between poles	2000VAC/1 min
Between contact and coil	2000VAC/1 min
Humidity (%)	35% - 85% RH
Air pressure	86kPa
shock resistance	10G
Vibration resistance	10 - 55Hz
Net weight (kg)	0,03
Power loss (W)	0,90

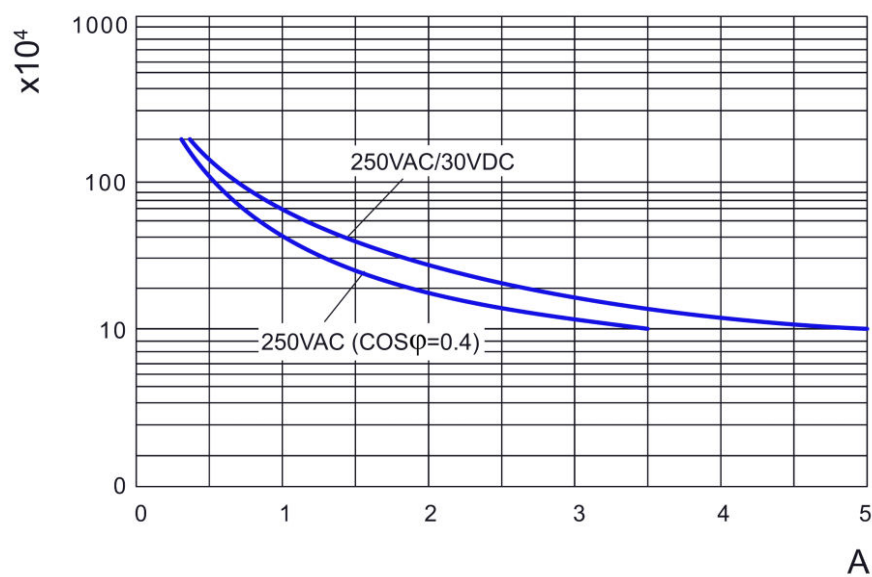
Wiring diagram



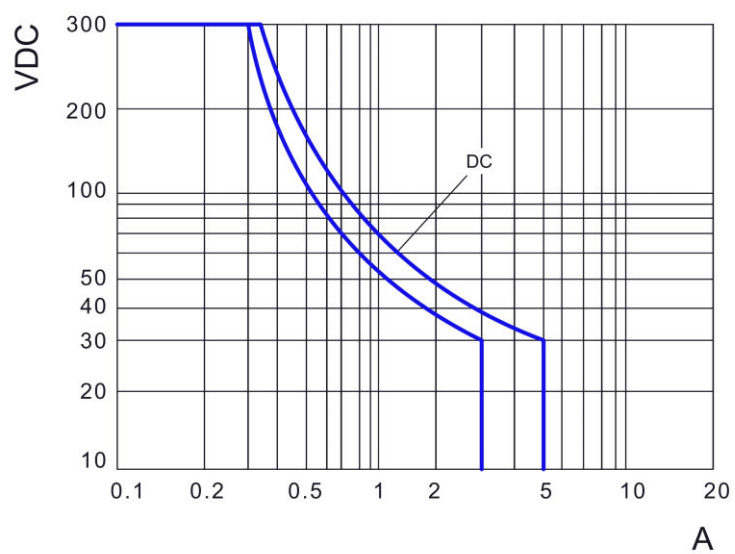
Dimensions



Electrical durability contacts (resistive load)



Maximum switching capacity on resistive load



Article Table

DESCRIPTION	Order No.
Plug-in Relay 14 pin 4 C/O 5A 24VDC, S-Relay RS5 S-Relay, Serie RS5	RS500024
Optional Accessories	
Plug-in socket for RS/PT5 relays, 14-pole, spring clamp, 8A For push in wiring. Matching relay series: PT5, RS5 and RS4	YRS51004
Socket for RS/PT5 relays, screw type terminals 14-pole, 10A Suitable relay series: PT5, RS5 and RS4	YRS50004
Screw socket, 14-pole with logical arrangement, 10A Suitable relay series: PT5, RS5 and RS4	YRS50104