

Data Sheet for Article: RS500LC4--

Plug-in Relay 14 pin 4 C/O 6A 24VDC, LED, PD, S-Relay RS5

S-Relay, Serie RS5, mit Freilaufdiode



Schrack Info

- Non-polarity LED integrated in relay
- With lockable test button and inspection window
- Identification of coils through test button color (AC red/DC blue)
- Conformity with RoHS Directive

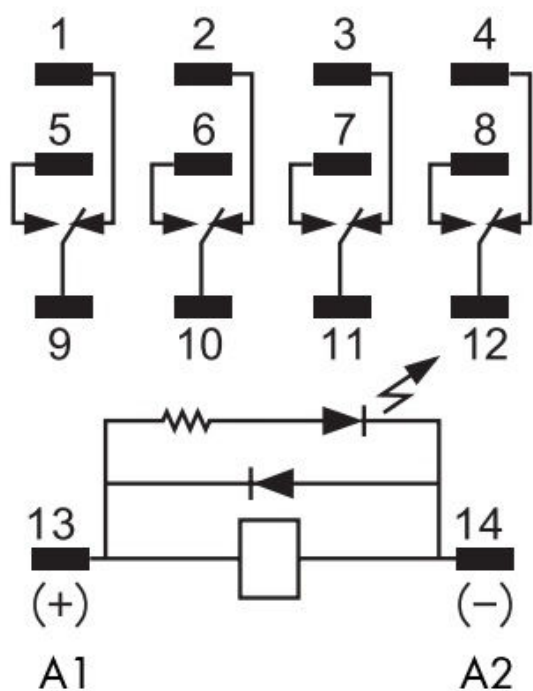
Technical Data

Net weight (kg)	0,04
Min. ambient temperature (°C)	-55
Max. ambient temperature (°C)	70
IP Rating	IP20
Switching contacts	4 CO
Contact current (A)	6
DC coil (V)	24
Rated current [Resistive load] (A)	6
Rated voltage [Resistive load]	250VAC / 30VDC
Switching capacity [Resistive]	1500VA / 180W
Contact material	Ag alloy

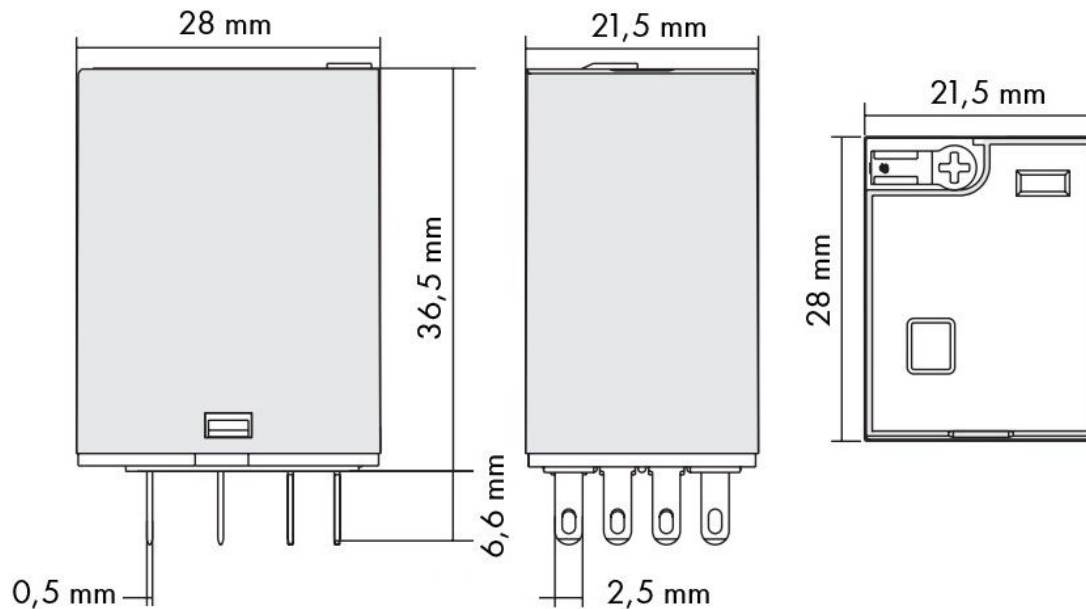
Technical Data - continued

Initial contact resistance (Ohm)	≤ 50mΩ
Pick-up voltage DC (V)	≤ 75% (Rated voltage)
Pick-up voltage AC (V)	≤ 80% (Rated voltage)
Drop-out voltage DC	≥ 10% (Rated voltage)
Drop-out voltage AC	≥ 30% (Rated voltage)
Maximum voltage (V)	110% (Rated voltage)
Insulation resistance (MΩ*km)	≥ 1000mΩ (500VDC)
Coil operating power [DC] (W)	~ 0,9W
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
Overvoltage category/pollution degree	II / 2
Rated impulse withstand voltage Uimp	4kV
Humidity (%)	5% - 85% RH
Air pressure	86~106 kPa
shock resistance	10G
Vibration resistance	10 - 55Hz
Coil resistance	640Ω (±10%)
Temperature range - Operation (°C)	-55 to +70
Temperature range - Transport/storage (°C)	-55 to +85
Power loss (W)	0,90

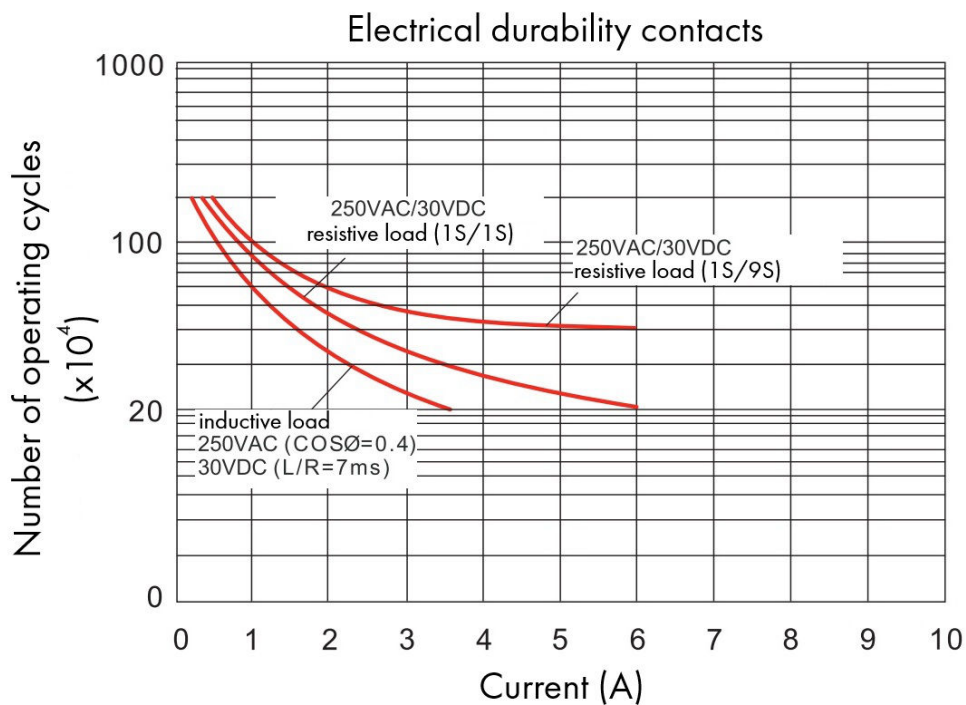
Circuit diagram



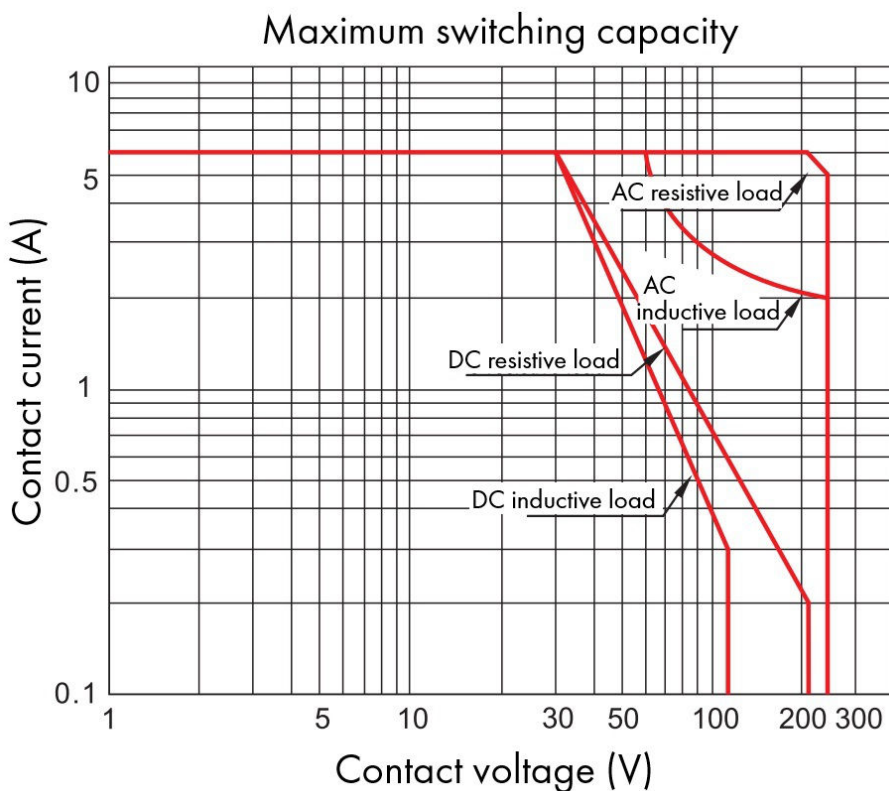
Dimensions



Electrical durability contacts



Maximum switching capacity



Article Table

DESCRIPTION	Order No.
Plug-in Relay 14 pin 4 C/O 6A 24VDC, LED,PD, S-Relay RS5 S-Relay, Serie RS5, mit Freilaufdiode	RS500LC4
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