PCB Relay, 2 CO, 8A, 230VAC, 5mm, Plastic sealed

S-Relay, series RPS

Technical Data

Min. ambient temperature (°C)	-40
Max. ambient temperature (°C)	85
Switching contacts	2 CO
Rated current [Resistive load] (A)	8
Rated voltage [Resistive load]	250VAC
Switching capacity [Resistive]	2000VA
Contact material	AgNi
Initial contact resistance (Ohm)	≤100mΩ (1A 6VDC)
Electrical endurance (Operation cycle)	50000
Mechanical durability	10000000 Operating cycles
Insulation resistance (MΩ*km)	1000MΩ (500VDC)
Initial breakdown voltage	
Between open contacts	1000VAC 1min
Between poles	2500VAC 1min
Between contact and coil	5000VAC 1min
Humidity (%)	5% - 85% RH
Vibration resistance	10Hz - 150Hz 10g/5g

Technical Data - continued

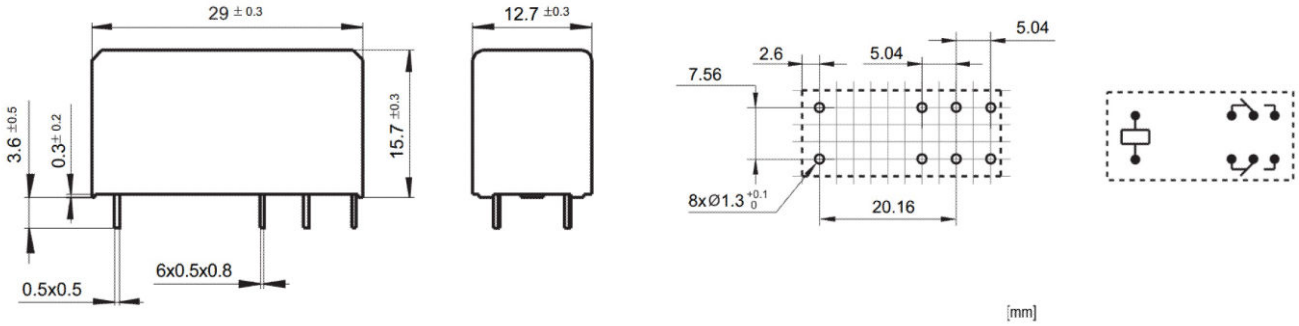
Coil information

Rated voltage	230V-AC
Coil resistance	32500Ω
Net weight (kg)	0,01
Power loss (W)	0,40

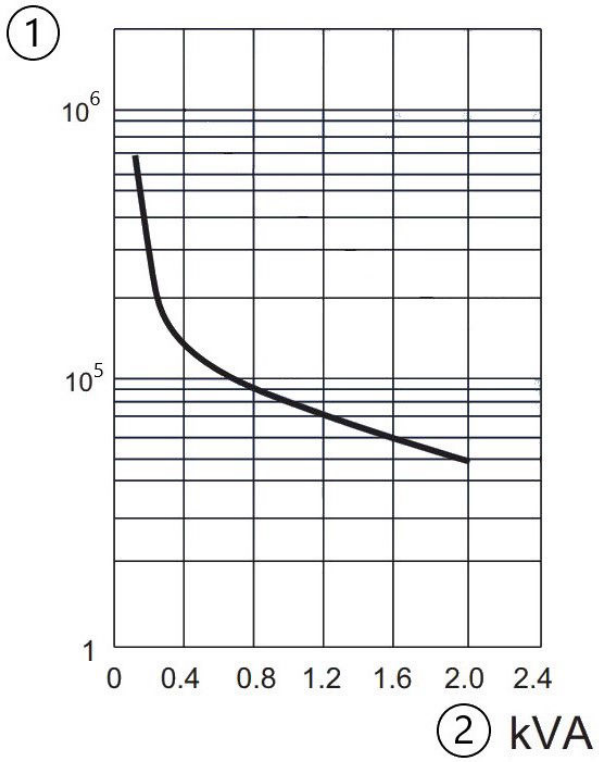
Coil specification

Nominal voltage	24VDC	24VAC	230VAC
Coil resistance (±10%)	1440Ω	350Ω	32500Ω
Pick-up voltage	16.80VDC	18.00VAC	172.50VAC
Drop-out voltage	2.4VDC	3.60VAC	34.50VAC

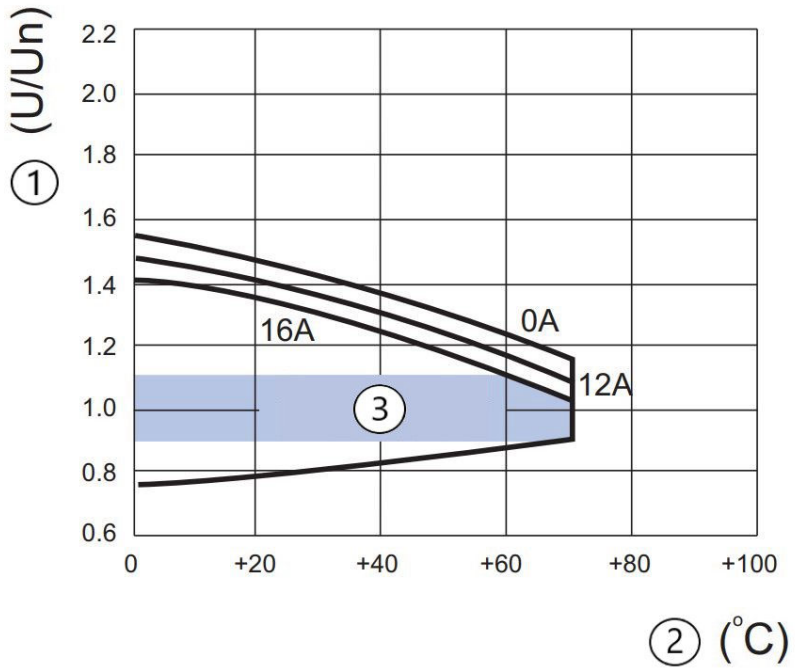
Dimensioned drawing: PCB Relay, 2 CO, 8A, 230VAC, 5mm, Plastic sealed



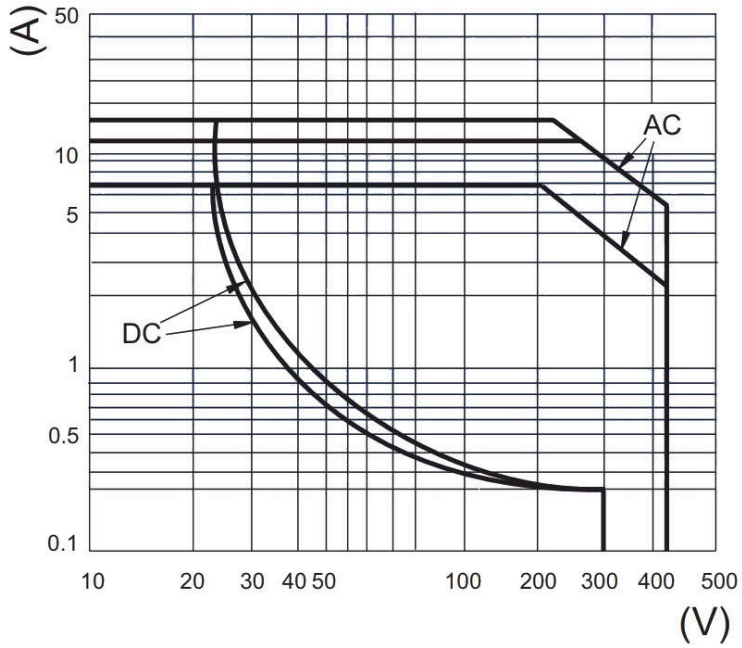
Electrical Durability - resistive load 1) Operations 2) Breaking Capacity



Coil operating range AC 1) coil voltage 2) ambient temperature 3) recomended voltage



Maximum Switching Capacity - resistive load



Article Table

DESCRIPTION	Order No.
PCB Relay, 2 CO, 8A, 230VAC, 5mm, Plastic sealed S-Relay, series RPS	RPS42730
Optional Accessories	
Screw Type terminal socket I/O with pinning 5mm S-Relay, for RT3 and RT4 relays, logical arrangement; For the use of 1-pole RT3 relays with a rated current of 12 A or 16 A, the terminals must be bridged as follows: 21 with 11, 24 with 14, and 22 with 12.	YRTS0626