

Slimline Interface Relay SNR

- 1 pole 6 A, 1 CO contact
- Sensitive coil 170 mW
- Strong coil pins for DIN-rail socket
- 4 kV coil-contact, 6 / 8 mm clearance / creepage
- Reinforced insulation (protection class II, VDE 0601)
- Reduced system width for increased packing density on the DIN rail



F0270-C

Applications

Interface technology, panel boards, mechanical engineering, process control

Approvals

VDE REG.-Nr. 6666, cRUus E214024
Technical data of approved types on request

Contact data

Contact configuration	1 CO
Contact set	single contact
Type of interruption	micro disconnection
Rated voltage / max. switching voltage AC	240 / 400 VAC
Rated current	6 A
Maximum breaking capacity AC	1500 VA
Limiting making capacity, max 4 s, duty factor 10%	10 A
Contact material	AgSnO ₂ AgSnO ₂ gold plated
Minimum contact load	100mA, 12V 50mW
Rated frequency of operation with / without load	6 / 1200 min ⁻¹
Operate- / release time	max 12 / 5 ms
Bounce time NO / NC contact	max 3 / 8 ms

Contact ratings

Type	Contact	Load	Ambient temp. [°C]	Cycles
IEC 61810				
V23092-****-A301	CO	6 A, 250 VAC, cosφ=1	85°C	5x10 ³
UL 508				
V23092-****-A301	NO / NC	6 A, 250 VAC, general purpose	85°C	6x10 ³
V23092-****-A301	NO / NC	B300	85°C	6x10 ³
V23092-****-A301	NO / NC	R300	85°C	6x10 ³

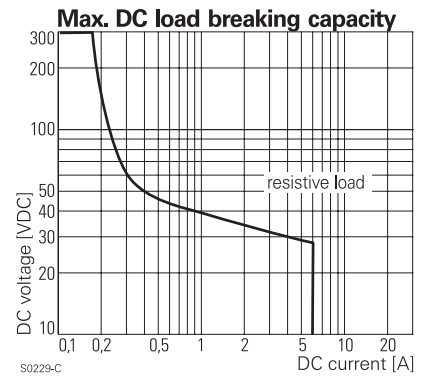
Coil data

Rated coil voltage range DC coil	5...60 VDC
Operative range to IEC 61810	2

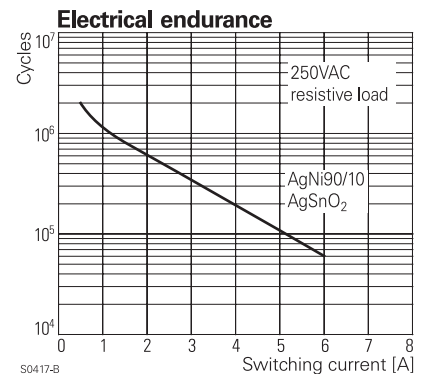
Coil versions, DC-coil

Coil code	Rated voltage VDC	Operate voltage VDC	Release voltage VDC	Coil resistance Ohm	Rated coil power mW
005	5	3.5	0.25	147±10%	170
012	12	8.4	0.6	848±10%	170
024	24	16.8	1.2	3390±10%	170
048	48	33.6	2.4	10600±15%	217
060	60	42.0	3.0	20500±15%	176

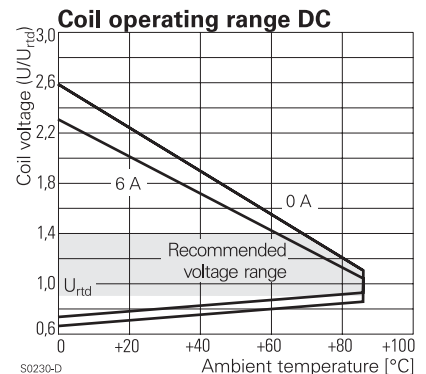
All figures are given for coil without preenergization, at ambient temperature +23°C
Other coil voltages on request



S0229-C



S0417-B



S0230-D

