

Automotive Relay SRJ



- 40A continuous current at 85°C
- SPNO and SPCO arrangement
- Plug-in or PC board terminals
- Optional mounting bracket
- Sealed Construction



Options and ordering codes

SRJ		H		- 1A		- C		- S L		- R		12VDC	
Capacity												Coil Voltages	
Standard (AgNi)													
High Power (AgSnO ₂)		H											
Contact Form												Options	
SPNO		1A										Standard	
SPCO		1C										R Parallel resistor (6V-180Ω, 12V-680Ω, 24V-2700Ω)	
												D1 Parallel diode (anode pin 86)	
												D2 Parallel diode (anode pin 85)	
Construction													
QC Terminal				CA				S Sealed					
PCB Terminals				CB				L RoHS Compliant					
Shrouded Terminals				S									
Plastic bracket				C1									
Steel bracket				C1S									

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Coil Data

at 23°C

	Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil resistance Ω	Parallel ⁽¹⁾ resistance $\Omega \pm 5\%$	Equivalent resistance $\Omega \pm 10\%$	Power consumption W	Max. allowable ⁽²⁾ overdrive voltage VDC	
								23°C	85°C
Shrouded	6	3.6	0.6	22	-	-	1.6	10.1	7.9
	6	3.6	0.6	22	180	19.6	1.8	10.1	7.9
	12	7.2	1.2	90	-	-	1.6	20.2	15.7
	12	7.2	1.2	90	680	79.5	1.8	20.2	15.7
	24	14.4	2.4	360	-	-	1.6	40.5	31.5
	24	14.4	2.4	360	2700	317.6	1.8	40.5	31.5
Others	6	3.9	0.6	22	-	-	1.6	10.1	7.9
	6	3.9	0.6	22	180	19.6	1.8	10.1	7.9
	12	7.8	1.2	85	-	-	1.7	20.2	15.7
	12	7.8	1.2	85	680	75.6	1.9	20.2	15.7
	24	15.6	2.4	350	-	-	1.6	40.5	31.5
	24	15.6	2.4	350	2700	309.8	1.9	40.5	31.5

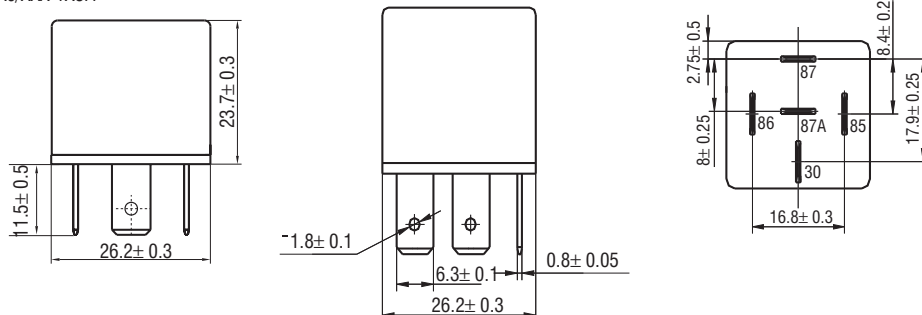
(1) The power consumption of parallel resistance is 0.5W

(2) Max. allowable overdrive voltage is stated with no load applied, illustrated with dust cover version

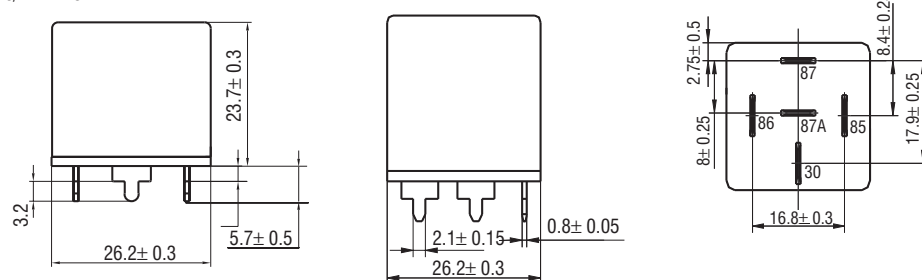
Outline dimensions (mm)

Wiring diagram and PC Board layout

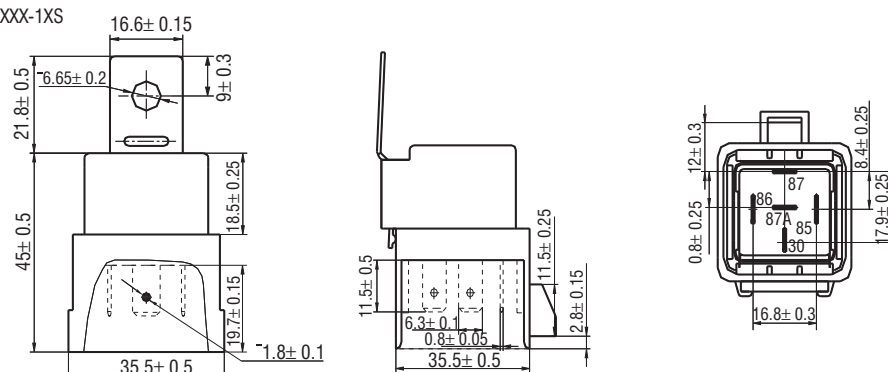
SRJ/XXX-1XCA



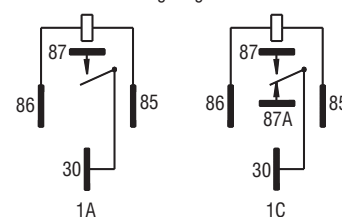
SRJ/XXX-1XCB



SRJ/XXX-1XS



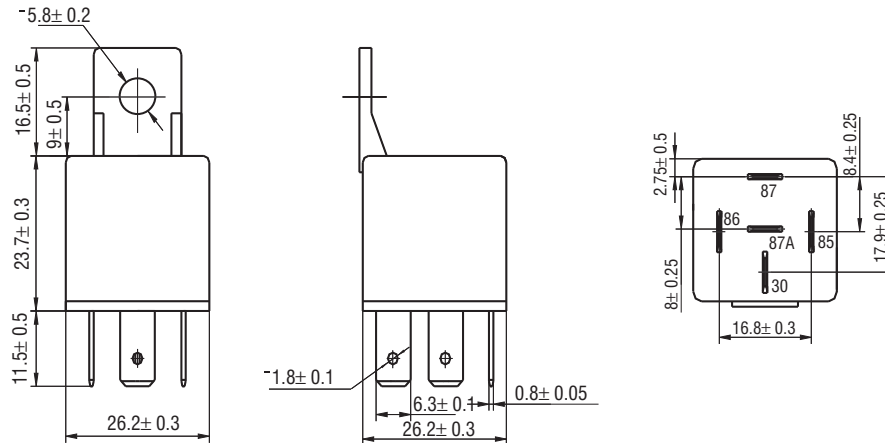
Wiring Diagram



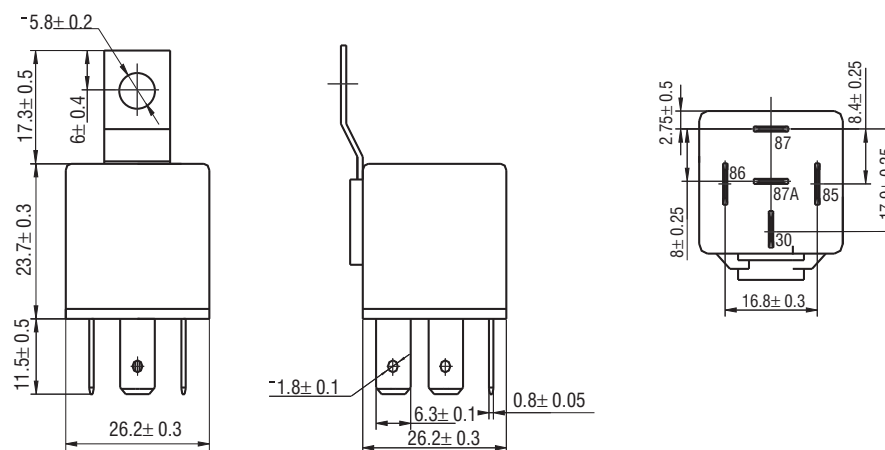
Outline dimensions (mm)

Wiring diagram and PC Board layout

SRJ/XXX-1XC1



SRJ/XXX-1XC1S



Characteristic Curve

