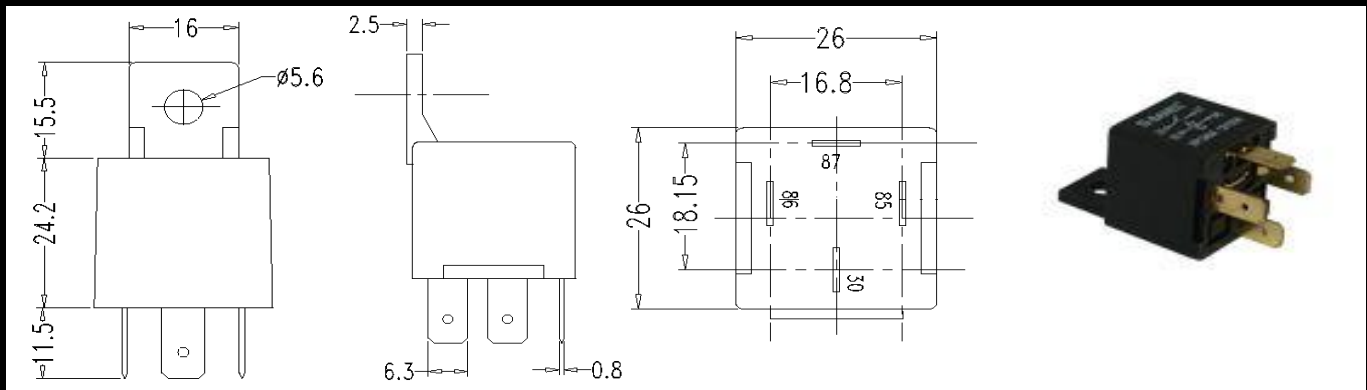
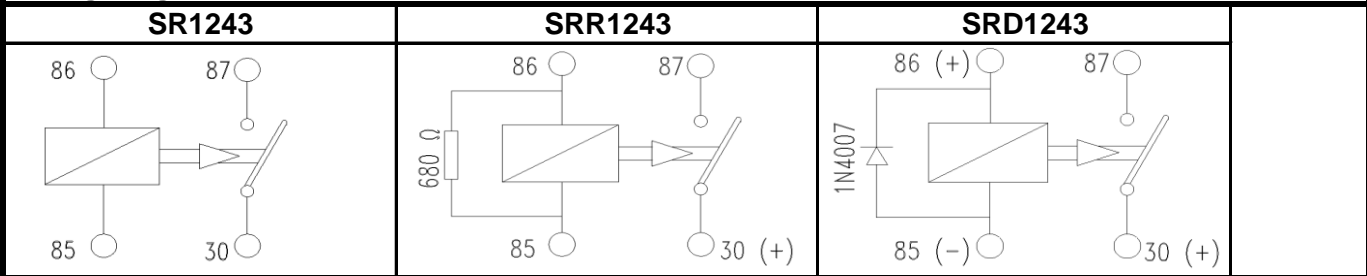


Dimensions (Unit: mm)



Wiring Diagram



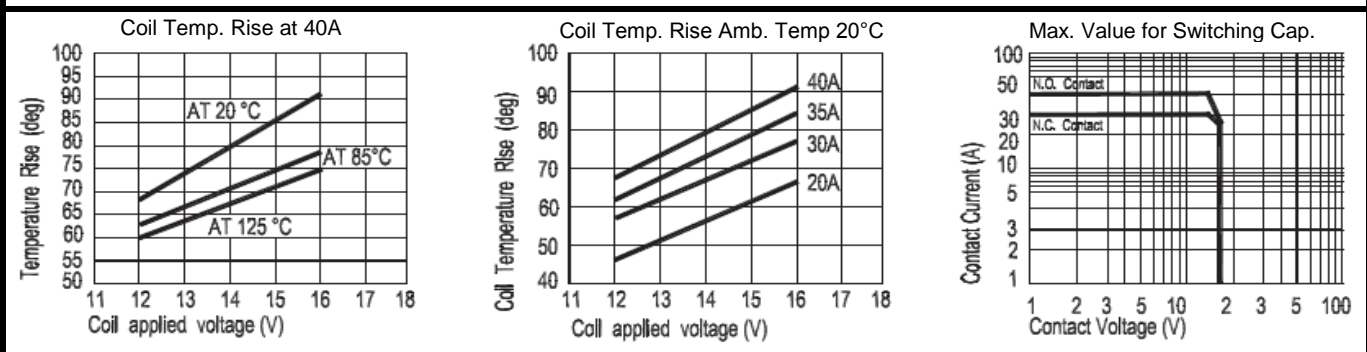
Electrical Characteristics

Nominal Voltage (U_N)	12V	Nominal Current	30A / 14V
Operating Voltage (U_{OP})	9-15V	Max. Cont. Current	30A
Contact Resistance	$\leq 30m\Omega$	Max. Switching Current ON	80A
Pull In Voltage	$\leq 9,2V$	Max. Switching Current OFF	30A
Pull-Off Voltage	$1 \leq V \leq 5$	Insulation Resistance	10M Ω min
Coil Power Consump.	1,6W	Dielectric Strength Between Contacts	50Hz 500V
Coil Resistance ($\Omega \pm \%10$)	90 Ω	Terminals Strength	90N
Operation Life (Electrical)	10^5		

Mechanical Characteristics

Contact Material	AgSnO	Terminals	CuZn 6,3x0,8mm
Contact Operate Time	$\leq 7ms$	Fixed Contact	AgSnO
Contact Release Time	$\leq 5ms$	Moving Contact	AgSnO
Operation Temperature	-30..+85°C	Coil	Oxygen Free Copper
Relative Humidity	%85 (at 40°C)	Base Plate	Nylon PA6,6
Shock Resistance	147 m/s ² 11 ms	Cap	Nylon PA6,6
Operation Life (Mechanical)	10^7		
Mass	32g		

Reference Data



Additional Data

In conformity with:	ISO 7588	DIN 46244	2002/95/EC RoHS
	ISO 8092	DIN 40050:IP54	10 ECE-ONU/02