Specifications

3	Silver 30 mΩ maximum				
-	30 mΩ maximum				
1		30 mΩ maximum			
	1V DC, 10 mA				
2	25 ms maximum				
2	25 ms maximum				
	AC: 3 VA (50 Hz), 2.5 VA (60 Hz) DC: 1.5W				
1	100 MΩ minimum (500V	/ DC megger)			
В	Between live and dead	parts:	1500V AC, 1 minute		
. В	Between contact and coil:		1500V AC, 1 minute		
	Between contacts of different poles:		1500V AC, 1 minute		
В	Between contacts of the same pole:		1000V AC, 1 minute		
В	Between live and dead parts:		2000V AC, 1 minute		
В	Between contact and coil:		2000V AC, 1 minute		
	Between contacts of different poles:		2000V AC, 1 minute		
В	Between contacts of the same pole:		1000V AC, 1 minute		
E	Electrical:	1800 operations/h maximum			
N	Mechanical:	18,000 operations	s/h maximum		
	Damage limits:	10 to 55 Hz, ampl	itude 0.5 mm		
C	Operating extremes:	10 to 55 Hz, amplitude 0.5 mm			
	Damage limits:	1000 m/s ² (100g)			
C	Operating extremes:	100 m/s ² (10G)			
1	10,000,000 operations				
2	200,000 operations (220V AC, 5A)				
-	-25 to +40°C (no freezing)				
5	5 to 85% RH (no conden	isation)			
e) R	RR2P: 90g, RR3PA: 96g, RR1BA/RR2BA/RR3B: 82g				
	[DC: 1.5W 100 MΩ minimum (500) Between live and dead Between contact and co Between contacts of the Between contacts of the Between contact and co Between contact and co Between contact of dif Between contacts of the Electrical: Mechanical: Damage limits: Operating extremes: 10,000,000 operations 200,000 operations (220) –25 to +40°C (no freezing to the contacts) 5 to 85% RH (no conder	DC: 1.5W 100 MΩ minimum (500V DC megger) Between live and dead parts: Between contact and coil: Between contacts of different poles: Between contacts of the same pole: Between live and dead parts: Between contact and coil: Between contact and coil: Between contacts of different poles: Between contacts of different poles: Between contacts of the same pole: Electrical: 1800 operations/ Mechanical: 18,000 operations Damage limits: 10 to 55 Hz, ampl Operating extremes: 10 to 55 Hz, ampl Damage limits: 1000 m/s² (100g) Operating extremes: 100 m/s² (10G) 10,000,000 operations 200,000 operations (220V AC, 5A) -25 to +40°C (no freezing) 5 to 85% RH (no condensation)		



- Measured using 5V DC, 1A voltage drop method
 Measured at the rated voltage (at 20°C), excluding contact bouncing
- For use under different temperature conditions, refer to Continuous Load Current vs. Operating Temperature Curve.

Coil Ratings

	Rated Current (A) ±15% (at 20°C)	Coil Resistance (Ω)	Operating Characteristics (values at 20°C)		
Rated Vo	oltage (V)	50 Hz	60 Hz	±10% (at 20°C)	Maximum Continuous Applied Voltage	Pickup Voltage	Dropout Voltage
	6	490	420	4.9	110%	80% maximum	30% minimum
	12	245	210	18			
AC	24	121	105	79			
(50/60 Hz)	110	27	23	1,680			
	120	24	20.5	2,100			
	240	12.1	10.5	8,330			
	6	24	10	25	110% 80% ma		
	12	12	20	100			
DC	24	6	0	400		80% maximum 10%	10% minimum
	48	30		1,600			
	110	1	3	8,460			

Contact Ratings

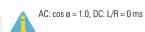
Maximum Contact Capacity						
Continuous Current	Allowable Contact Power		Rated Load			
	Resistive Load	Inductive Load	Voltage (V)	Res. Load	Ind. Load	
10A	1650VA AC 300W DC	1100VA AC 150W DC	110 AC	10A	7.5A	
			220 AC	7.5A	5A	
			30 DC	10A	5A	



Note: Inductive load for the rated load — $\cos \emptyset = 0.3$, L/R = 7 ms

TÜV Ratings

Voltage	
240V AC	10A
30V DC	10A



UL Ratings

Voltage	Resistive	General use	Horse Power Rating
240V AC	10A	7A	1/3 HP
120V AC	10A	7.5A	1/4 HP
30V DC	10A	7A	_

CSA Ratings

Voltage	Resistive	General use
240V AC	10A	7A
120V AC	10A	7.5A
100V DC	_	0.5A
30V DC	10A	7.5A

Socket Specifications

	Relays	Terminal	Electrical Rating	Wire Size	Torque
	SR2P-05	M3 screw with captive wire clamp	300V, 10A	Maximum 2 - #12 AWG	9 - 11.5in∙lbs
	SR2P-05C	M3 screw with captive wire clamp, fingersafe	300V, 10A	Maximum 2 - #12 AWG	9 - 11.5in∙lbs
	SR2P-06	M3 screw with captive wire clamp	300V, 10A	Maximum 2 - #12 AWG	9 - 11.5in • lbs
DIN Rail Sockets	SR3P-05	M3 screw with captive wire clamp	300V, 10A	Maximum 2 - #12 AWG	9 - 11.5in∙lbs
OUCKCIO	SR3P-05C	M3 screw with captive wire clamp, fingersafe	300V, 10A	Maximum 2 - #12 AWG	9 - 11.5in∙lbs
	SR3P-06	M3 screw with captive wire clamp	300V, 10A	Maximum 2 - #12 AWG	9 - 11.5in∙lbs
	SR3B-05	M3 screw with captive wire clamp	300V, 15A (10A)* (*CSA rating)	Maximum 2 - #12 AWG	9 - 11.5in • lbs
Through	SR2P-51	Solder	300V, 10A	_	_
Panel Mount	SR3P-51	Solder	300V, 10A	_	_
Sockets	SR3B-51	Solder	300V, 10A	_	_

