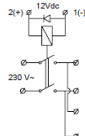



RK 2102 – Relay contact

RK 2102	Circuit diagram		2 outputs	
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1. General technical data

Rated voltage	230 VAC 50-60 Hz	
Rated current	8 A	

2. Contact data

Rated voltage	250 VAC 50-60 Hz	
Rated current	8 A	
Contact form	2 NO	

3. Coil data

Rated voltage	12 V	
Operate voltage	8,4 V	
Release voltage	1,2 V	
Rated coil power	400 mW	
Number of cycles	1x10 ⁵	

4. Insulation data

PTI	250 V	
Impulse voltage	2500 V	
Material group	IIIa	
Pollution degree	2	

5. Chemical resistance

Ethanol fuel	ISO 16750-5	SP Swedish National Testing and Research Institute Reference: – F106699
Gearbox oil		
Break oil		
Coolant		
Mineral and synthetic oils		
Hydraulic oil		
Diesel fuel		
Biodiesel fuel		
Anti-freeze coolants		
Salt water, mean salt level of the world's seas		
AdBlue, urea		

6. Dimension

Length x width x height	56,5 x 28,5 x 96 mm	
Weight	0,7 kg	

7. Temperature resistance

Operating temperature	-30°C to +55°C	
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8. Degree of protection (IEC 60529)

Degree of protection	IEC 60529:2014, IP46	Cert no. SE-S-2001381 Intertek
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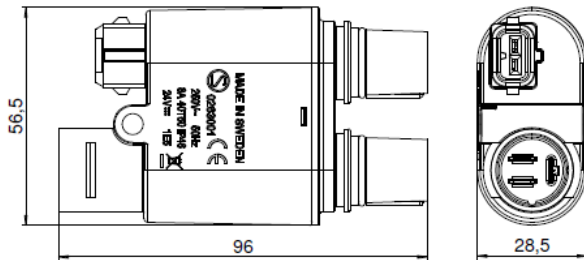
9. Certification

Electrical safety	EN 61810-1:2015	Cert no. SE-S-2001381 Intertek
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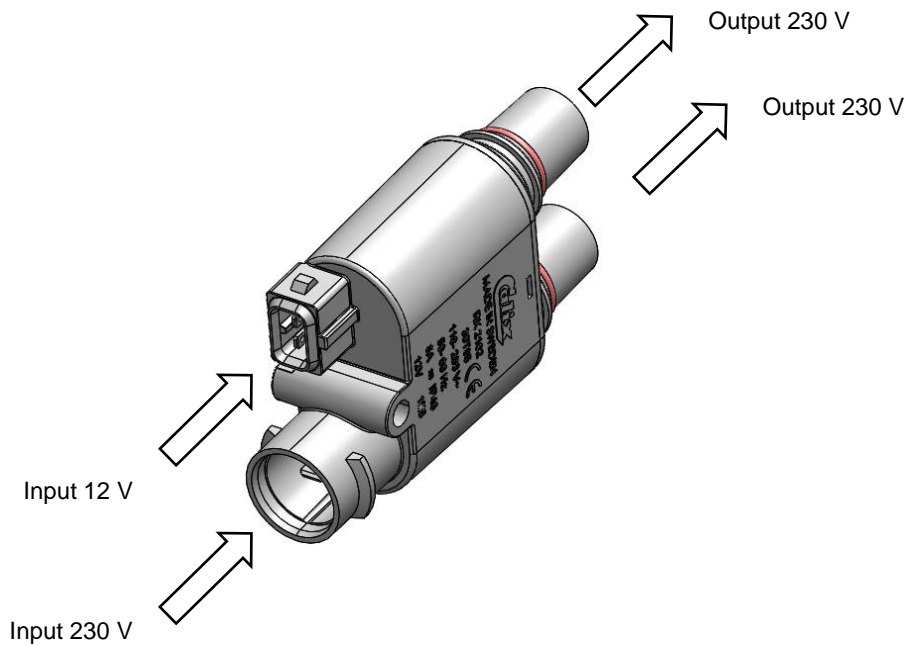
10. Connectors

Input 230V AC	Calix SI202
Output 230V AC	Calix SU104
Input 12V DC	TYCO/TE 962 069-3

11. Dimensional data



12. Description of the function



The relay is used to control the engine heater system. The signal comes from an external control system which activates the relay with a 12 V signal.

13. Doc. change record

Date	Change description	Sign	Rev
2022-11-29	General update	RE	S2