



DESCRIPTION	TYPES	RSR40		
		D05-A1-24-010-0-0	D12-A1-24-010-0-0	D24
INPUT CIRCUIT				
Nominal voltage		5 VDC	12 VDC	24 VDC
Control voltage range		3 ~ 10 VDC	17 ~ 20 VDC	18 ~ 32 VDC
Control current		12 mA	10 mA	7.7 mA
Release voltage			1 VDC	
Input internal resistor		320 Ω	1070 KΩ	3000 KΩ
OUTPUT CIRCUIT				
Max. load current			1.0 A	
Min. load current			50 mA	
Nominal load voltage			240 VAC	
Load voltage range			24 ~ 265 VAC	
Non-repetitive Max. peak voltage			600 VAC	
Non-repetitive Max. peak current			50 A	
Max. off-state leakage current			2.0 mA	
On state voltage drop			1.5 V	
Zero-on, random-on			R	
Max. turn-on time			1 ms	
Max. soldering heat			220°C (10sec)	
Max. turn-off time			1/2 cycle + 1 ms	
Insulation resistance		1000 MΩ, DC 500 V (for input-output)		
Dielectric strenght (between input & output)		2500 Vrms, 60sec (for input-output)		
Operating temperature range		-30°C do +85°C		
Storage temperature range		-40°C do +100°C		

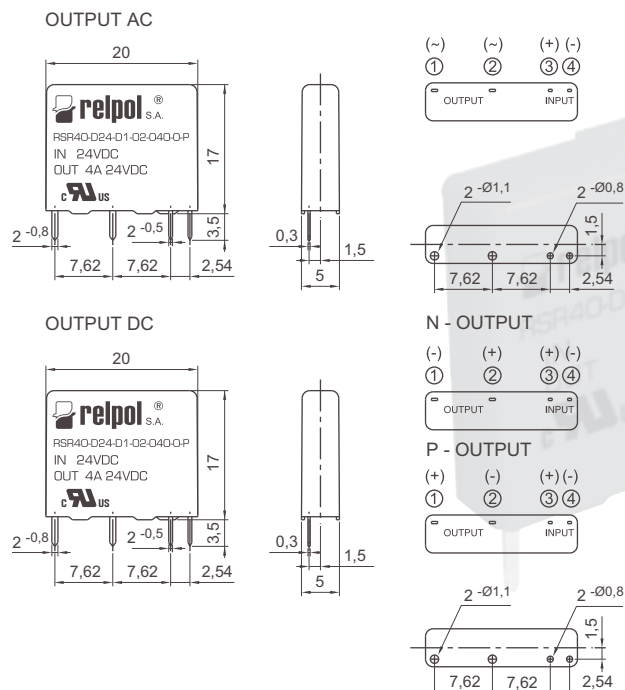
Features

- Optically isolated.
- Ultra Slim and light weight, SIL terminals type for high density mounting: Size 5x20x17, Weight: approximately 3g.
- Low On-State Resistance.
- Low input power consumption.
- TTL and CMOS compatible.
- RC networks (VAC)
- MOSFET Output Thyristor (VDC)

Applications

- Temperature Control System
- Industrial Automatic Control
- Light System
- Office Appliances
- Factory Appliances

Dimensions





DESCRIPTION	TYPES	RSR40					
		D05-D1-02-020-0-0	D12-D1-02-020-0-0	D24-D1-02-020-0-0	D05-D1-02-040-0-0	D12-D1-02-040-0-1	D24-D1-02-040-0-0
INPUT CIRCUIT							
Nominal voltage		5 VDC	12 VDC	24 VDC	5 VDC	12 VDC	24 VDC
Control voltage range		3 ~ 10 VDC	7 ~ 20 VDC	18 ~ 32 VDC	3 ~ 10 VDC	7 ~ 20 VDC	18 ~ 32 VDC
Control current		12 mA	10 mA	7.7 mA	12 mA	10 mA	7.7 mA
Release voltage		1 VDC					
Input internal resistor		320 Ω	1070 Ω	3000 Ω	320 Ω	1070 Ω	3000 Ω
OUTPUT CIRCUIT							
Max. load current		2 A			4 A		
Min. load current		1 mA					
Nominal load voltage		24 VDC					
Load voltage range		0 - 30 VDC					
Max. peak current		6 A (10 ms)			7 A (10 ms)		
Max. off-state leakage current		< 1 mA					
Max. on-state voltage drop (2A)		0.24 V					
Max. turn-on time		1 ms					
Max. turn-off time		0.1 ms					
Operating switching frequency		10 Hz					
Max. soldering heat		220°C (10sec)					
Insulation resistance		1000 MΩ, DC 500 V (for input-output)					
Dielectric Strength (between input & output)		3750 Vrms, 60sec (for input-output)					
Operating temperature range		-20°C do +80°C					
Storage temperature range		-25°C do +80°C					

Part numbering system

