

# Interface Technology - Microplug Relay Module

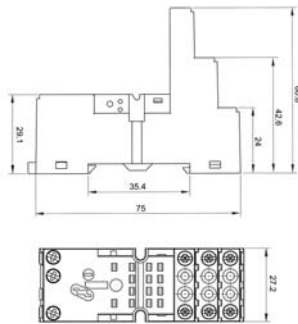
AC-Relay-Interface, 2 CO contact, pluggable

AC/DC 250 V; 7 A, 1750 VA

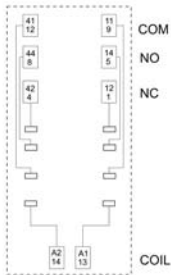
Screw terminal, Contact material: AgNi, AgNi + 5 µm HV



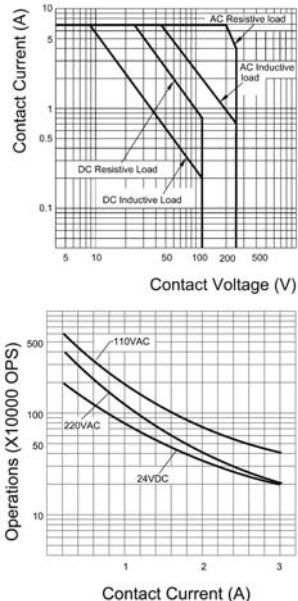
## Dimensions



## PIN assignment



## Limit curve



Description	Part-No.	Type	PU	
<b>Relay Module with AgNi</b>				
Rated voltage	AC 12 V	770550	REI2-0550 2W AC 12 V	5
	AC 24 V	770551	REI2-0551 2W AC 24 V	5
	AC 120 V	770556	REI2-0556 2W AC 120 V	5
	AC 230 V	770557	REI2-0557 2W AC 230 V	5
<b>Relay Module with AgNi + 5µm HV</b>				
Rated voltage	AC 12 V	770570	REI2HV-0570 2W HTV AC 12 V	5
	AC 24 V	770571	REI2HV-0571 2W HTV AC 24 V	5
	AC 120 V	770576	REI2HV-0576 2W HTV AC 120 V	5
	AC 230 V	770577	REI2HV-0577 2W HTV AC 230 V	5

Input	AC 12 V	AC 24 V	AC 120 V	AC 230 V
Input voltage range	9.6 – 13.2 V	19.2 – 26.4 V	96.0 – 132.0 V	184.0 – 253.0 V
Rated current	260.0 mA	130.0 mA	26.0 mA	16.0 mA
Rated voltage	AC 12 V	AC 24 V	AC 120 V	AC 230 V
Power consumption	1.2 VA			
Interrupting voltage	<3.6 V	<7.2 V	<36 V	<66 V
Protection device	varistor			
Max. length of connecting lead	-			
Status indication	LED green			
<b>Output</b>				
Contact type	2 change over contact			
Min. switching voltage	AC/DC 5 V			
Max. switching voltage	AC/DC 250 V			
Min. switching current	AgNi: AC/DC 5mA; AgNi+5µm HV: AC/DC 2mA			
Max. switching current	AC/DC 7 A			
Switching capacity AC 15	at 24 V: 2.5 A; at 230 V: 1.5 A			
Switching capacity DC 13	at 24 V: 1.8A; at 115 V: 300 mA, at 230 V: 150 mA			
Max. switching capacity	1750 VA			
Contact material	AgNi or AgNi + 5 µm HV			
Mechanical service life	>2 x 10 <sup>7</sup> operations			
Switch-on delay	25 ms			
Switch-off delay	25 ms			
Clearance/creep. dist. (contol/load side)	Clearance distance: > 2 mm; creepage distance: > 3mm			
Rated insulation voltage (EN 50178)	AC 250 V (category C 250)			
<b>General</b>				
Housing material	PA 66+GF V0 (UL)			
IP rating	IP 20			
Field installation	rail TS 35 (EN 50022)			
Insulation voltage input/output	1.5 kV <sub>eff</sub>			
Safe isolation	yes			
Operation temperature range	-40 °C – 70 °C			
Storage temperature range	-40 °C – 85 °C			
Dimensions (w x h x d)	27.0 x 75.0 x 82.0 mm			
Weight (kg/piece)	0.097			
Approvals	UL, CSA			
Termination	Screw terminal: 0.2–4.0 mm <sup>2</sup>			

Accessories	Colour	Article number	Type	Pkg. units
Relay socket		770903	RES2W-0903	10
Backup relay AC 12V		770510	RE2W-0510 AC12	10
Backup relay AC 12V HV		770530	RE2WHV-0530 AC12	10
Backup relay AC 24V		770511	RE2W-0511 AC24	10
Backup relay AC 24V HV		770531	RE2WHV-0531 AC24	10
Backup relay AC 120V		770516	RE2W-0516 AC120	10
Backup relay AC 120V HV		770536	RE2WHV-0536 AC120	10
Backup relay 230 V		770517	RE2W-0517 AC230	10
Backup relay AC 230V HV		770537	RE2WHV-0537 AC230	10
Protecting module A AC 6-24V		770913	PM91G-0913	10
Protecting module AC/ DC 110V – 230V		770917	PM93G-0917	10
Plate		770907	REM WT-0907	10
Jumper comb 10A	black	770909	REI-0909	10

**Comments**  
Part-No.  
Hard gold-plated contacts: So that the gold layer is not damaged, the specified values are not permitted to be exceeded. At higher switching capacity, the gold layer vaporizes. The deposition in the housing can lead to sparkovers between the coil and contact.