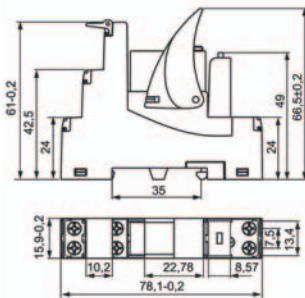


# Interface Technology - Microplug Relay Module

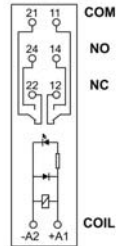
**DC-Relay-Interface, 2 CO contact, pluggable**  
**AC 400 V / DC 300 V, 8 A, 2000 VA**  
**Screw terminal, Contact material: AgNi, AgNi 5 µm HV**



## Dimensions

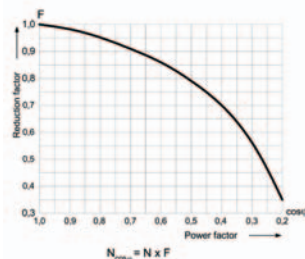
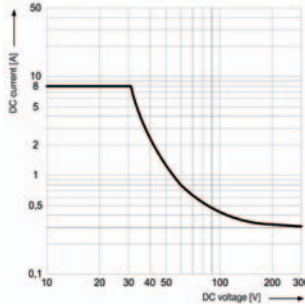


## PIN assignment



DC version

## Limit curve



Description	Part-No.	Type	PU	
<b>Relay Module with AgNi</b>				
Rated voltage	DC 12 V	770040	REP-0040 2W DC 12 V	5
	DC 24 V	770041	REP-0041 2W DC 24 V	5
	DC 115 V	770046	REP-0046 2W DC 115 V	5
<b>Relay Module with AgNi + 5µm HV</b>				
Rated voltage	DC 12 V	770240	REP-0240 2W HTV DC 12 V	5
	DC 24 V	770241	REP-0241 2W HTV DC 24 V	5
	DC 115 V	770246	REP-0246 2W HTV DC 115 V	5
<b>Input</b>				
	<b>DC 12 V</b>	<b>DC 24 V</b>	<b>DC 115 V</b>	
Input voltage range	8.4 – 15.6 V	16.8 – 31.2 V	77.0 – 143.0 V	
Rated current	40.0 mA	20.0 mA	5.0 mA	
Rated voltage	DC 12 V	DC 24 V	DC 115 V	
Power consumption		0,48 W		
Interrupting voltage	<1.2 V	<2.4 V	<11 V	
Protection device		Overload diode		
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 400 V / DC 300 V		
Min. switching current		AgNi: AC/DC 5mA; AgNi+5µm HV: AC/DC 2mA		
Max. switching current		AC/DC 8 A		
Switching capacity AC 15		bei 24 V: 3,1 A; bei 230 V: 2 A		
Switching capacity DC 13		at 24 V: 2A; at 115 V: 300 mA, at 230 V: 150 mA		
Max. switching capacity		2000 VA		
Contact material		AgNi bzw. AgNi + 5 µm HV		
Mechanical service life		>3 x 10 <sup>7</sup> operations		
Switch-on delay		7 ms		
Switch-off delay		3 ms		
Clearance/creep. dist. (contol/load side)		Clearance distance: >10 mm; Creepage distance: >10 mm		
Rated insulation voltage (EN 50178)		AC 400 V (category C 250)		
<b>General</b>				
Housing material		PA6		
IP rating		IP 20		
Field installation		rail TS 35 (EN 50022)		
Insulation voltage input/output		5 kVeff		
Safe isolation		yes		
Operation temperature range		-40 °C – 85 °C		
Storage temperature range		-40 °C – 85 °C		
Dimensions (w × h × d)		15.9 × 78.1 × 67.0 mm		
Weight (kg/piece)		0.062		
Approvals		UL, CSA		
Termination		Screw terminal: 0.2–4.0 mm <sup>2</sup>		
<b>Accessories</b>				
	<b>Colour</b>	<b>Article number</b>	<b>Type</b>	<b>Pkg. units</b>
Relay socket		770900	RES-0900	10
Retainer / retractor clip		770901	REE-0901	10
Description plate		770902	REM-0902	10
Backup relay DC 12V		770918	RE2W-0918 DC12	10
Backup relay DC 12V HV		770919	RE2WHV-0919 DC12	10
Backup relay DC 24V		770920	RE2W-0920 DC24	10
Backup relay DC 24V HV		770921	RE2WHV-0921 DC24	10
Backup relay DC 110V		770922	RE2W-0922 DC120	10
Backup relay DC 110V HV		770923	RE2WHV-0923 DC120	10
Protecting module AC 6-24V		770911	PM41G-0911	10
Protecting module DC 110V		770916	PM43G-0916	10

## Comments

Part-No. 770240–770246:

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.