

SIMM 6.2mm Interface Relays

Crouzet Products /Automation Controls /SIMM Interface Relays

PRODUCT FEATURES

- ✚ 6.2 mm wide and 65 mm deep
- ✚ DIN Rail mounted
- ✚ LED input status indicator
- ✚ Bridges enable quick linking of common voltage
- ✚ Identification zone on front face
- ✚ IP20



Output Relays

Input Voltage	Output Voltage	Output Current	Output Type	Part number	
24VDC	5-48VDC	0.5A	Transistor	84145001	Check Stock
110VAC/DC	5-48VDC	0.5A	Transistor	84145004	Check Stock
230VAC/DC	5-48VDC	0.5A	Transistor	84145005	Check Stock
5VDC	5-48VDC	2.0A	Transistor	84145010	Check Stock
24VDC	5-48VDC	2.0A	Transistor	84145011	Check Stock
230VAC	5-48VDC	2.0A	Transistor	84145015	Check Stock
5VDC	24-250VAC	0.5A	Triac	84145020	Check Stock
24VDC	24-250VAC	0.5A	Triac	84145021	Check Stock
110VAC/DC	24-250VAC	0.5A	Triac	84145024	Check Stock
230VAC	24-250VAC	0.5A	Triac	84145025	Check Stock
24VDC	10-280VAC	1.0A	Triac	84145031	Check Stock
24VDC	250VAC/DC	6A	SPDT	84145041	Check Stock
24VAC/DC	250VAC/DC	6A	SPDT	84145042	Check Stock
110VAC	250VAC/DC	6A	SPDT	84145043	Check Stock
230VAC/DC	250VAC/DC	6A	SPDT	84145046	Check Stock

SIMM Series Output Modules

- * 6.2 mm wide and 65 mm deep
- * DIN Rail mounted
- * LED input status indicator
- * Bridges enable quick linking of common voltage
- * Identification zone on front face
- * IP20



Part numbers

84145041 84145042 84145043 84145046

Input Characteristics (at ambient 25 C°)

Nominal voltage	24Vdc	24Vac/dc	110Vac/dc	230Vac
Operating voltage range	19.2-30Vdc	19.2-30Vac/dc	95-125Vac/dc	195-253Vac/dc
Max input current	20 mA	20 mA	5 mA	6

Output Characteristics (at ambient 25 C°)

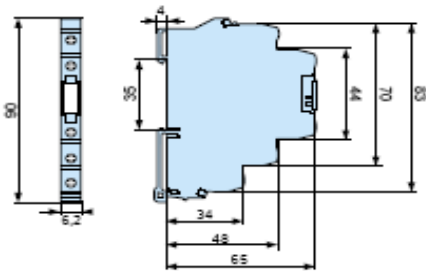
Operating voltage range	1-250Vac/dc	1-250Vac/dc	1-250Vac/dc	1-250Vac/dc
Max current	6A See Table	6A See Table	6A See Table	6A See Table

General Characteristics

Operating temperature range	-25 to 60°C	-25 to 60°C	-25 to 60°C	-25 to 60°C
Storage temperature range	-40 to 80°C	-40 to 80°C	-40 to 80°C	-40 to 80°C
Turn-On time	8 ms	8 ms	8 ms	8 ms
Turn-Off time	10 ms	10 ms	10 ms	10 ms
Switching frequency	10 Hz	10 Hz	10 Hz	10 Hz
Mechanical Life (operations)	> 10 x 10 ⁶	> 10 x 10 ⁶	> 10 x 10 ⁶	> 10 x 10 ⁶
Electrical Life (number of operation)	6 x 10 ⁶	6 x 10 ⁶	6 x 10 ⁶	6 x 10 ⁶
Weight	1.23 oz	1.23 oz	1.23 oz	1.23 oz
Contact Material	AgSnO ₂			
Contact Arrangement	SPDT	SPDT	SPDT	SPDT

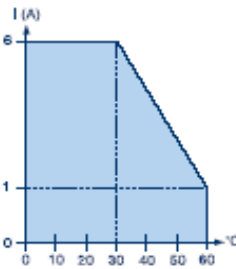
Dimensions:

Relay Output:



Wiring Diagram and Thermal Curves:

84145041 / 042 / 043 / 046



Accessories

84145050

Front Panel marker (88 per bag)



84145052

10 position jumper - Blue



84145051

2 Pole "Common" Jumper



84145053

10 position jumper - Red



Switching Capabilities

	AC	DC
24V	6A	1 A
110V	6A	0.2 A
230V	6A	0.1 A