

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

	84145001	84145004	84145005	84145010	84145011	84145015
Input Characteristics (at ambient 25 C°)						
Nominal voltage	24Vdc	110Vac/dc	230Vac	5Vdc	24Vdc	230Vac
Operating voltage range	10-44Vdc	70-130Vac/dc	90-230Vac	4-5.5Vdc	10-44Vdc	90-230Vac
Max input current	6 mA	7 mA	8.5 mA	6 mA	6 mA	7mA
Drop out voltage	5Vdc	30Vac/dc	40Vac	2Vdc	3Vdc	40Vac

Output Characteristics (at ambient 25 C°)

Operating voltage range	5-48Vdc	5-48Vdc	5-48Vdc	5-48Vdc	5-48Vdc	5-48Vdc
Max current	0.5A	0.5A	0.5A	2A	2A	2A
Output Type	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor

General Characteristics

Operating temperature range	-20 to 60°C	-20 to 60°C	-20 to 60°C	-20 to 60°C	-20 to 60°C	-20 to 60°C
Storage temperature range	-40 to 80°C	-40 to 80°C	-40 to 80°C	-40 to 80°C	-40 to 80°C	-40 to 80°C
Turn-On time	20 us	30 ms	45 ms	1 ms	1 ms	1 ms
Turn-Off time	100 us	20 ms	15 ms	5 ms	5 ms	10 ms
Switching frequency	1k Hz	10 Hz	10 Hz	10 Hz	10 Hz	10 Hz
Weight	1.13 oz	1.13 oz	1.13 oz	1.06 oz	1.06 oz	1.06 oz

Part numbers

	84145020	84145021	84145024	84145025	84145031
Input Characteristics (at ambient 25 C°)					
Nominal voltage	5Vdc	24Vdc	110Vac/dc	230Vac	24Vdc
Operating voltage range	4-6.2Vdc	10-44Vdc	70-130Vac/dc	140-250Vac	10-44Vdc
Max input current	6mA	6mA	6mA	7mA	6 mA
Drop out voltage	2Vdc	3Vdc	35Vac/dc	80Vac	3Vdc

Output Characteristics (at ambient 25 C°)

Operating voltage range	24-250Vac	24-250Vac	24-250Vac	24-250Vac	24-250Vac
Max current	0.5A	0.5A	0.5A	0.5A	1A
Output Type	Triac	Triac	Triac	Triac	Triac

General Characteristics

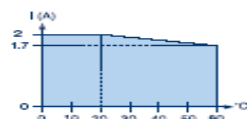
Operating temperature range	-20 to 60°C	-20 to 60°C	-20 to 60°C	-20 to 60°C	-20 to 60°C
Storage temperature range	-40 to 80°C	-40 to 80°C	-40 to 80°C	-40 to 80°C	-40 to 80°C
Turn-On time	10 ms	10 ms	10 ms	10 ms	8.33 ms
Turn-Off time	10 ms	10 ms	10 ms	10 ms	8.33 ms
Switching frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
Weight	1.13 oz	1.13 oz	1.13 oz	1.13 oz	.95 oz

Derating Curves:

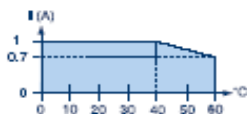
84145001 / 004 / 005
84145010 / 011 / 015



84145010 / 011 / 015



84145031



84145001 / 004 / 005
84145020 / 021 / 024 / 025



84145020 / 021 / 024 / 025



84145031



Dimensions:

Solid State Output:

