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84 145 042
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Selling points of the range :

- A range of space-saving modules for isolation of input signals.
- Only 6.2 mm wide and 65 mm deep.
- DIN rail mounting.
- Built-in LED shows the status of the input signal for diagnostic purposes.
- Bridges enable quick and easy linking of the common voltages to save time and reduce installation errors.
- Identification zone on front face.
- Connection by screw terminals.

84 145 042

Specifications

Control voltage	24 V AC/DC
Control voltage range	19,2 → 30 V AC/DC
Turn-off voltage (V)	-
Max.current (t=20 ms)	-
Current consumption	20 mA
Leakage current	-
Minimum current	10 mA / 12 V DC
Output	250 V AC / DC
Current	6 A AC12 - 3 A AC15 - 1 A DC13
Contact	Ag Sn O2
Voltage drop-on-state	-
Switching frequency (Hz)	10
Mechanical life (cycles)	2 x 10 ⁷
	Green LED

Products in the same range

Relay output 6 A - 250 V AC

Control voltage	Control voltage range	Turn-off voltage (V)	Max.current (t=20 ms)	Current consumption	Part number
24 V DC	19,2 → 30 V DC	-	-	20 mA	84 145 041
24 V AC/DC	19,2 → 30 V AC/DC	-	-	20 mA	84 145 042
110 V AC/DC	95 → 125 V AC/DC	-	-	5 mA	84 145 043
230 V AC/DC	195 → 253 V AC/DC	-	-	5 mA	84 145 046

Transistor output 0,5 A - 5 à 48 V DC

Control voltage	Control voltage range	Turn-off voltage (V)	Max.current (t=20 ms)	Current consumption	Part number
24 V DC	10 → 44 V DC	5 V DC	2 A	6 mA	84 145 001
110 V AC/DC	70 → 130 V AC/DC	30 V AC/DC	2 A	7 mA	84 145 004
230 V AC	90 → 230 V AC	40 V AC	2 A	8,5 mA	84 145 005

Transistor output 2 A - 5 à 48 V DC

Control voltage	Control voltage range	Turn-off voltage (V)	Max.current (t=20 ms)	Current consumption	Part number
5 V DC	4 → 5,5 V DC	2 V DC	7 A	6 mA	84 145 010
24 V DC	10 → 44 V DC	3 V DC	7 A	6 mA	84 145 011
230 V AC	90 → 230 V AC	40 V AC	7 A	7 mA	84 145 015

Triac output 0,5 A - 24 à 250 V AC

Control voltage	Control voltage range	Turn-off voltage (V)	Max.current (t=20 ms)	Current consumption	Part number
5 V DC	4 → 6,2 V DC	2 V DC	2 A	6 mA	84 145 020
24 V DC	10 → 44 V DC	3 V DC	2 A	6 mA	84 145 021
110 V AC/DC	70 → 130 V AC/DC	35 V AC/DC	2 A	6 mA	84 145 024
230 V AC	140 → 250 V AC	80 V AC	2 A	7 mA	84 145 025

Triac output 1 A - 24 à 250 V AC

Control voltage	Control voltage range	Turn-off voltage (V)	Max.current (t=20 ms)	Current consumption	Part number
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