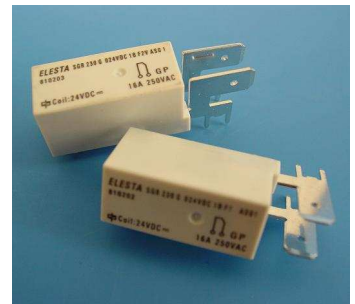


# Faston-Relay SGR 230 G ... F 1 pole 16A

**ELESTA**



## Technical Data

| Contact Data                           |           |                |
|--|-----------|----------------|
| Type of Contact                        |           | Single Contact |
| No. of Contacts                        |           | 1A / 1B        |
| Rated Voltage / Max. Switching Voltage | VAC / VDC | 250 / 30       |
| Rated Current                          | A         | 16             |
| Rated Breaking Capacity (cos φ = 1)    | VA / W    | 4000 / 480     |
| Contact Material                       |           | AgSnO          |

| General Data                                      |                           |                 |
|---|---------------------------|-----------------|
| Mechanical Life                                   | > Operations              | $1 \times 10^7$ |
| Electrical Life at Rated Voltage                  | > Operations              | $1 \times 10^5$ |
| Max. Switching Frequency                          | Operations / h            | 360             |
| Operate Time / Release Time                       | approx. in ms             | 12 / 8          |
| Test Voltage Contact / Coil                       | $\geq VAC_{eff}$          | 5000            |
| Test Voltage Contact Open                         | $\geq VAC_{eff}$          | 1000            |
| Insulation IEC 60664                              | - Rated Voltage (VAC)     | 250             |
|   | - Degree of Pollutin      | 3               |
|   | - Excess Voltage Category | III             |
| Insulation Group / Rated Voltage (VDE 0110b 2/79) |                           | C / 250         |
| Ambient Temperature                               | °C                        | -40...+105      |
| Approvals   |                           | UL***           |
| Weight  | gr.                       | 14              |

\*\*\* in the pipeline

| Coil at + 20°C                |           |        |
|-------------------------------|-----------|--------|
| Rated Voltage                 | VDC       | 3...60 |
| Power Consumption (DC - Coil) | approx. W | 0,4    |

| DC-Coil (0,4 W) |                 |              |              |            |                |
|-----------------|-----------------|--------------|--------------|------------|----------------|
| $U_N$ (V)       | R (Ohm)         | $U_{AN}$ (V) | $U_{AB}$ (V) | $I_N$ (mA) | $I_{Max}$ (mA) |
| 3               | $22.5 \pm 10\%$ | $\leq 2,4$   | $\geq 0,15$  | 133        | 130%           |
| 5               | $63 \pm 10\%$   | $\leq 4,0$   | $\geq 0,25$  | 79         |                |
| 6               | $90 \pm 10\%$   | $\leq 4,8$   | $\geq 0,30$  | 67         |                |
| 9               | $203 \pm 10\%$  | $\leq 7,2$   | $\geq 0,45$  | 44         |                |
| 12              | $360 \pm 10\%$  | $\leq 9,6$   | $\geq 0,60$  | 33         |                |
| 18              | $810 \pm 10\%$  | $\leq 14,4$  | $\geq 0,90$  | 22         |                |
| 24              | $1440 \pm 10\%$ | $\leq 19,2$  | $\geq 1,20$  | 17         |                |
| 48              | $5760 \pm 10\%$ | $\leq 38,4$  | $\geq 2,40$  | 8          |                |
| 60              | $9000 \pm 10\%$ | $\leq 48,0$  | $\geq 3,00$  | 7          |                |

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## Order Type

