

# Power Relay, 3 CO, 16A, 24VAC, with LED

S-RELAY series RMX, Faston 187, with LED indicator



## Technical Data

|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| Min. ambient temperature (°C)          | -40                                               |
| Max. ambient temperature (°C)          | 55                                                |
| Switching contacts                     | 3 CO                                              |
| Contact current (A)                    | 16                                                |
| Rated current [Resistive load] (A)     | 16                                                |
| Rated voltage [Resistive load]         | 400VAC / 30VDC                                    |
| Switching capacity [Resistive]         | 6400VA / 480W                                     |
| Contact material                       | Ag alloy                                          |
| Initial contact resistance (Ohm)       | ≤50mΩ                                             |
| Electrical endurance (Operation cycle) | ≥ 10 <sup>5</sup> operations (1800 operations/h)  |
| Mechanical durability                  | ≥ 10 <sup>7</sup> operations (18000 operations/h) |
| Pick-up voltage AC (V)                 | ≤ 80% (Rated voltage)                             |
| Drop-out voltage AC                    | ≥ 10% (Bemessungsspannung)                        |
| Maximum voltage (V)                    | 110% (Rated voltage)                              |
| Insulation resistance (MΩ*km)          | ≥ 100mΩ (500VDC)                                  |
| Operate time [at nominal voltage] (ms) | ≤ 20ms                                            |
| Release time [at nominal voltage] (ms) | ≤ 20ms                                            |
| <b>Initial breakdown voltage</b>       |                                                   |
| Between open contacts                  | 1500VAC/1min                                      |

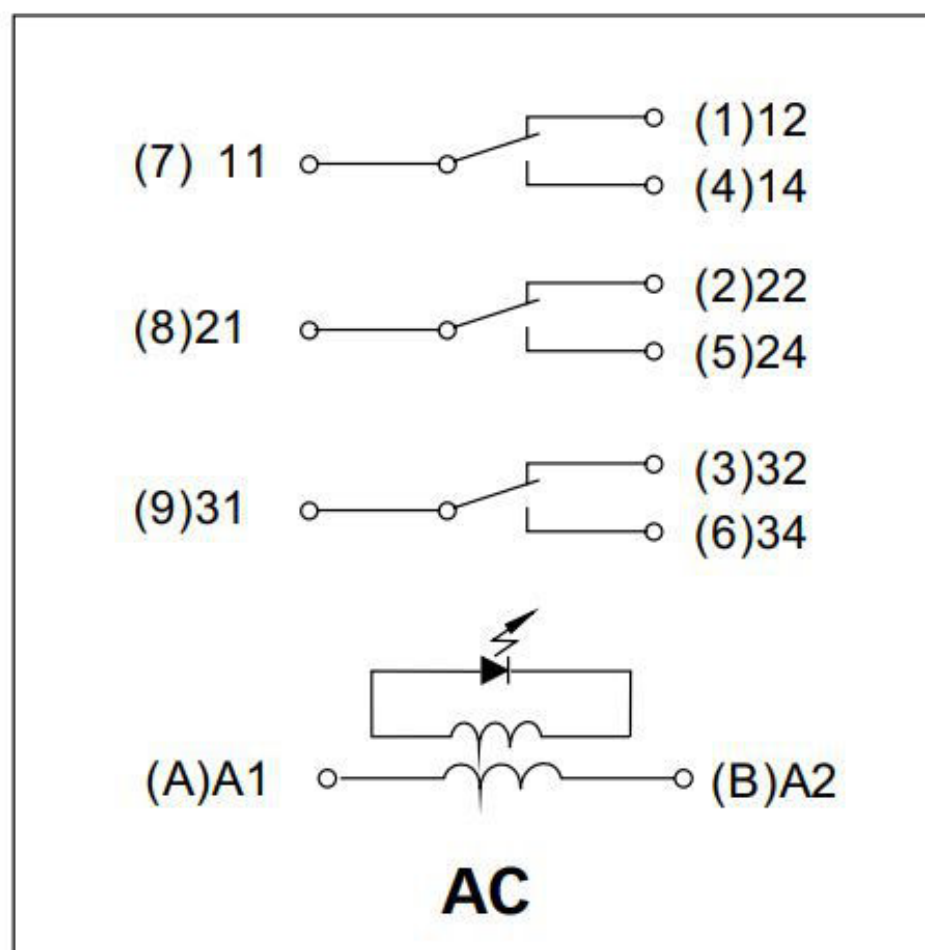
## Technical Data - continued

|                      |               |
|----------------------|---------------|
| Between poles        | 4000VAC/1 min |
| Humidity (%)         | 35% - 85% RH  |
| Air pressure         | 89 - 106kPa   |
| shock resistance     | 10G           |
| Vibration resistance | 13 - 55Hz     |

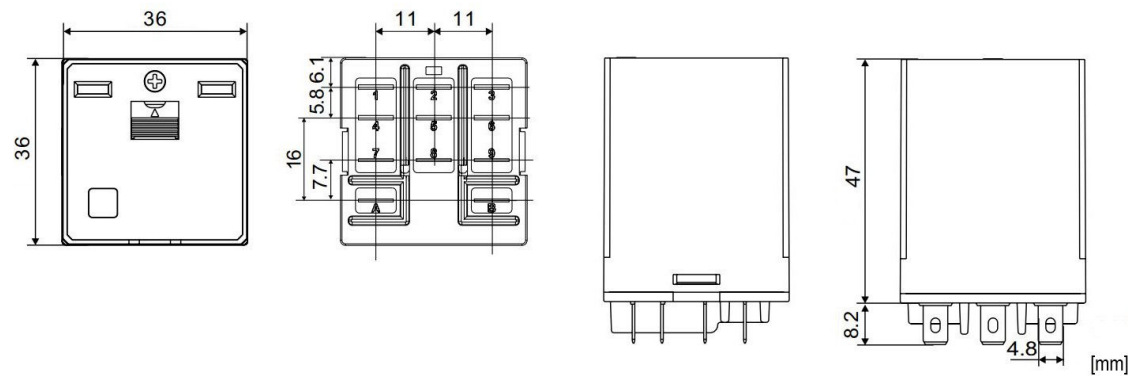
### Coil information

|                 |        |
|-----------------|--------|
| Rated voltage   | 24V-AC |
| Coil resistance | 100Ω   |
| Net weight (kg) | 0,09   |
| Power loss (W)  | 2,80   |

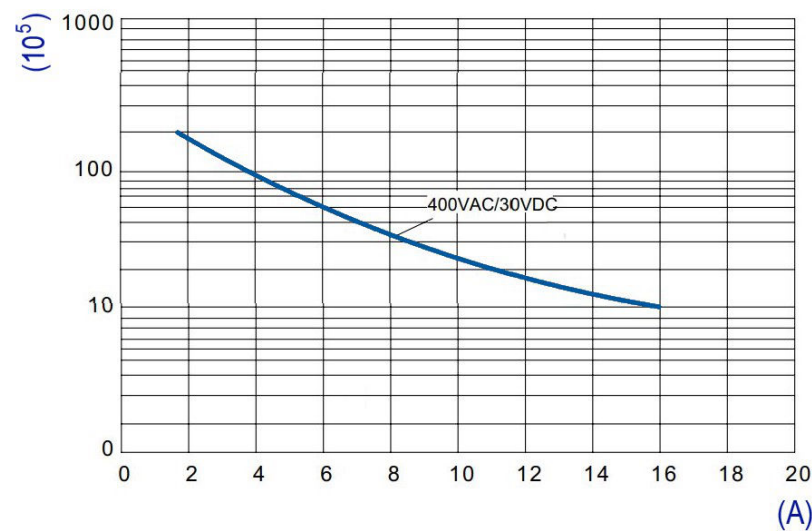
## Circuit diagram: Power Relay, 3 CO, 16A, 24VAC, with LED



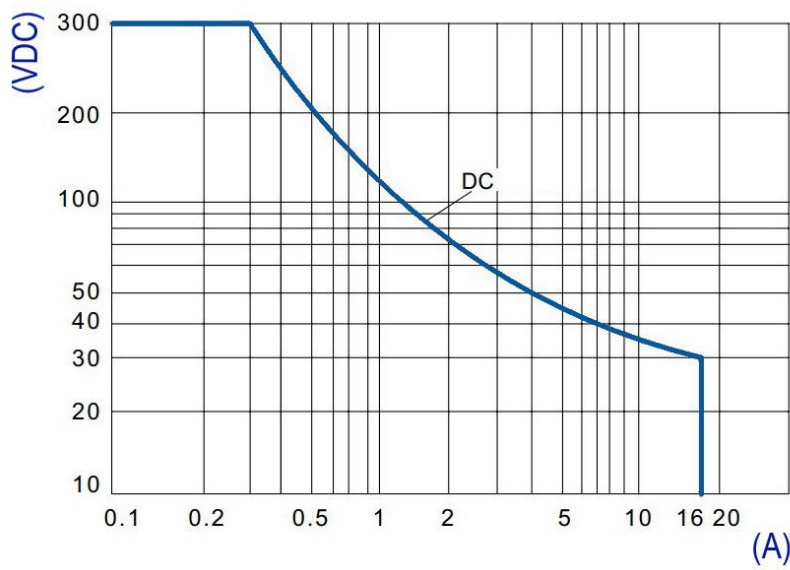
**Dimensioned drawing: Power Relay, 3 CO, 16A, 24VAC, with LED**



**Electrical Durability Contacts - resistive load**



## Maximum Switching Capacity - resistive Load



## Article Table

| DESCRIPTION                                                                     | Order No. |
|---------------------------------------------------------------------------------|-----------|
| Power Relay, 3 CO, 16A, 24VAC, with LED                                         | RMX72524  |
| S-RELAY series RMX, Faston 187, with LED indicator                              |           |
| <b>Optional Accessories</b>                                                     |           |
| Socket, screw connection, 11 pole, 25A for 3 pole RMX relays                    | RMX78705  |
| S-RELAY series RMX, Faston 187                                                  |           |
| Mounting Adapter for RMX Relay                                                  | RMX21803  |
| S-RELAY series RMX, with fastening to the mounting plate horizontal or vertical |           |