

## Accessories Power Relay RM

- For RM 2 / 3 pole, 10 / 16 A
- RoHS compliant (Directive 2002/95/EC)



F0237-B

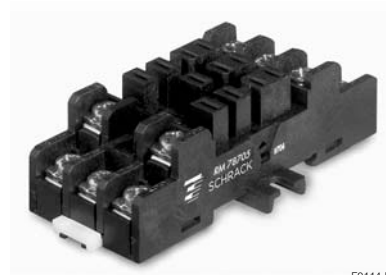
### RM Socket with screw-type terminals RM 78 705

#### Approvals

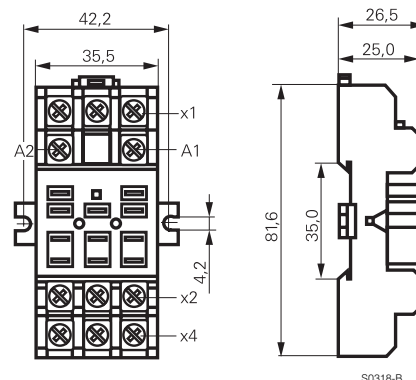
REG.-Nr. 5333 ÜG-2 (RM 78 704), REG.-Nr. 4003144 in preparation

#### Technical data

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Rated voltage / max. switching voltage AC | 250 VAC                                 |
| Rated current                             | 16 A                                    |
| Dielectric strength coil-contact circuit  | 2500 V <sub>rms</sub>                   |
| open contact circuit                      | 1500 V <sub>rms</sub>                   |
| adjacent contact circuits                 | 2500 V <sub>rms</sub>                   |
| Clearance / creepage coil-contact circuit | ≥ 4.0/14.9 mm                           |
| Material group of insulation parts        | IIIa                                    |
| Insulation to IEC 60664-1                 |                                         |
| Type of insulation coil-contact circuit   | basic                                   |
| open contact circuit                      | functional                              |
| adjacent contact circuits                 | basic                                   |
| Rated insulation voltage                  | 250 V                                   |
| Pollution degree                          | 2                                       |
| Rated voltage system                      | 230 / 400 V                             |
| Overvoltage category                      | III                                     |
| RoHS - Directive 2002/95/EC               |                                         |
| RM 78 704                                 | compliant as per product date code 0312 |
| RM 78 705                                 | compliant as per product date code 0522 |
| Ambient temperature range                 | -40...+40°C                             |
| Terminals                                 | screw                                   |
| Terminal screw torque acc. IEC 61984      | 0.8 Nm                                  |
| max.                                      | 1.2 Nm                                  |
| Wire cross section                        |                                         |
| single wire                               | 2 x 2.5 mm <sup>2</sup>                 |
| fine wire                                 | 2 x 2.5 mm <sup>2</sup>                 |
| with bootlace crimp (DIN 46228/1)         | 2 x 1.5 mm <sup>2</sup>                 |
| Insertion cycles                          | A (10)                                  |
| Max. Insertion Force total                | 100 N                                   |
| Mounting distance                         | ≥ 0, dense packing                      |
| Weight                                    | 66 g                                    |
| Packaging unit                            | 100 pcs                                 |



F0114-B



S0318-B

#### Socket with screw-type terminals

| Type                                              | Part Number |
|---------------------------------------------------|-------------|
| <b>RM 78 705</b> Socket with screw-type terminals | 2-1393844-5 |

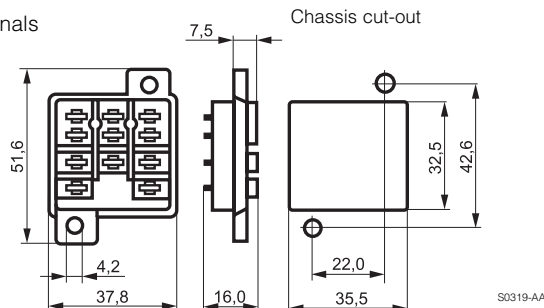
## Accessories Power Relay RM (Continued)

### RM Sockets for PCB and with solder terminals RM 78 700/701/702

#### RM 78 700 Socket with quick connect terminals



F0110-A

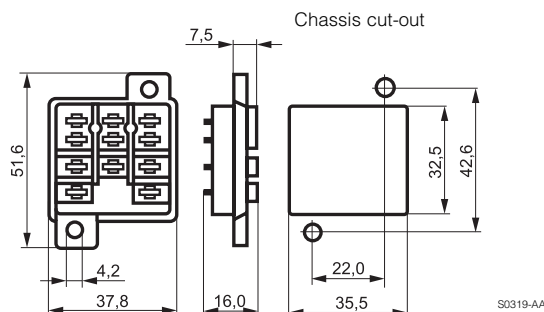


S0319-AA

#### RM 78 701 Socket with solder terminals



F0111-A

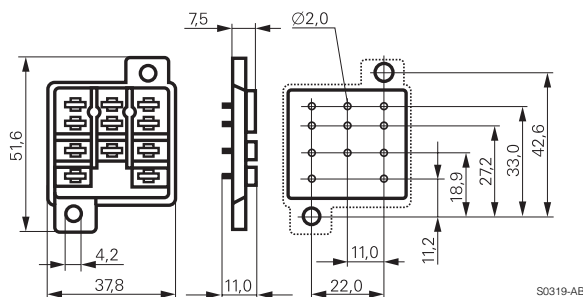


S0319-AA

#### RM 78 702 Socket with PCB terminals



F0112-A



S0319-AB

### Approvals

**UL** E135149

### Technical data

#### RM 78 700/701/702

|                                           |                       |
|-------------------------------------------|-----------------------|
| Rated current                             | 10 A                  |
| Rated voltage / max. switching voltage AC | 240 / 400 VAC         |
| Dielectric strength coil-contact circuit  | 2500 V <sub>rms</sub> |
| open contact circuit                      | 1500 V <sub>rms</sub> |
| adjacent contact circuits                 | 2500 V <sub>rms</sub> |
| Clearance / creepage coil-contact circuit | ≥ 4.0/6.3 mm          |
| Material group of insulation parts        | IIIa                  |
| Insulation to IEC 60664-1                 |                       |
| Type of insulation coil-contact circuit   | basic                 |
| open contact circuit                      | functional            |
| adjacent contact circuits                 | basic                 |
| Rated insulation voltage                  | 250 V                 |
| Pollution degree                          | 2                     |
| Rated voltage system                      | 230 / 400 V           |
| Overvoltage category                      | III                   |

## Accessories Power Relay RM (Continued)

| Technical data (Continued)   |  | RM 78 700/701/702     |
|------------------------------|--|-----------------------|
| RoHS - Directive 2002/95/EC  |  | compliant             |
| Ambient temperature range    |  | -40...+70°C           |
| Terminals                    |  | pcb, solder terminals |
| Insertion cycles             |  | A (10)                |
| Max. Insertion Force total   |  | 100 N                 |
| Mounting distance            |  | ≥ 0, dense packing    |
| Resistance to soldering heat |  | 270°C / 10 s          |
| Weight                       |  | 9 g                   |
| Packaging unit               |  | 25 pcs                |

| Sockets          |                                     |             |
|------------------|-------------------------------------|-------------|
| Type             |                                     | Part Number |
| <b>RM 78 700</b> | Socket with quick connect terminals | 1419118-6   |
| <b>RM 78 701</b> | Socket with solder terminals        | 4-1393149-9 |
| <b>RM 78 702</b> | Socket with PCB terminals           | 2-1393844-3 |

| Accessories for RM 78 700, RM 78 701, RM 78 702 |                         |             |
|-------------------------------------------------|-------------------------|-------------|
| Type                                            |                         | Part Number |
| <b>RM 28 802</b>                                | Metal retaining clip RM | 1419118-5   |