

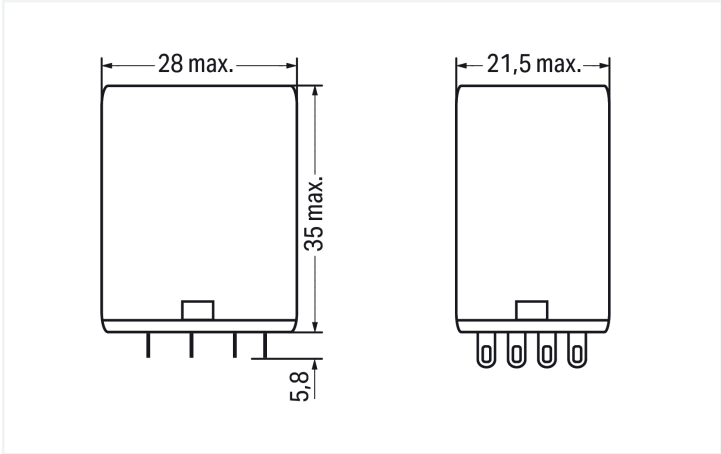
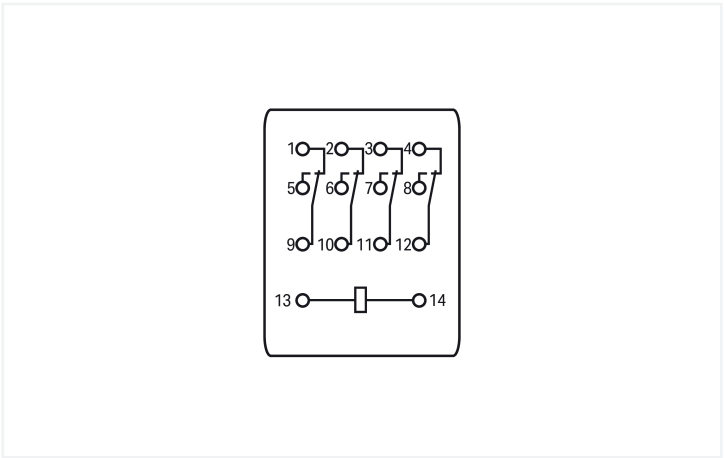
Data Sheet | Item Number: 858-152

Basic relay; Nominal input voltage: 24 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with gold contacts; with manual operation; Module width: 22 mm; Module height: 35mm

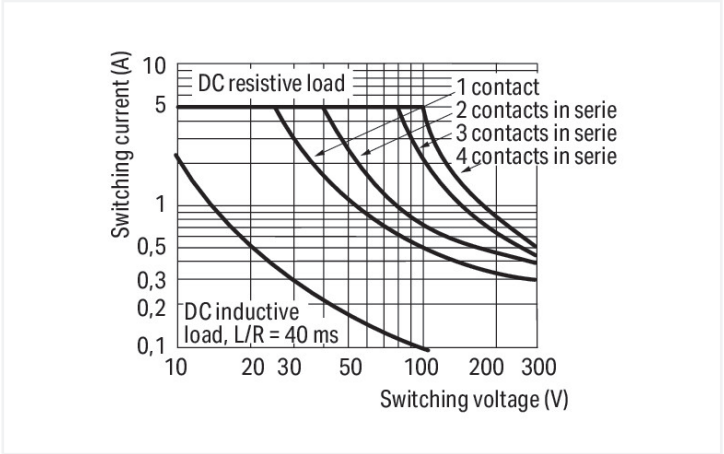
<https://www.wago.com/858-152>



Similar to illustration



Dimensions in mm



DC load limit curve

| Notes |                                                                                                                                                                                                                                    |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note  | To prevent damaging the gold layer, 30 VDC switching voltages and 50 mA currents must not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce service life. |

| Technical data                              |                                            |
|---------------------------------------------|--------------------------------------------|
| Control circuit                             |                                            |
| Nominal input voltage $U_N$                 | 24 VDC                                     |
| Nominal input current at $U_N$              | 37 mA                                      |
| Load circuit                                |                                            |
| Number of changeover/switchover contacts    | 4                                          |
| Contact material (relay)                    | AgCe + Au                                  |
| Limiting continuous current                 | 5 A                                        |
| Inrush current (resistive) max.             | (AC) 15 A / 4 s                            |
| Switching Voltage, Max.                     | 250 VAC                                    |
| Switching power (resistive) max.            | AC 1250 VA; DC (see load limit curve)      |
| Recommended minimum load                    | 5 V / 1 mA / 50 mW                         |
| Pull-in time (typ.)                         | 25 ms                                      |
| Drop-out time (typ.)                        | 25 ms                                      |
| Bounce time (typ.)                          | 4 ms                                       |
| Electrical life (NO; resistive load; 23 °C) | 100 x 10 <sup>3</sup> switching operations |
| Mechanical life                             | 20 x 10 <sup>6</sup> switching operations  |



| Signaling        |                       |
|------------------|-----------------------|
| Status indicator | Red LED<br>Mechanical |

| Safety and protection                                  |           |
|--------------------------------------------------------|-----------|
| Dielectric strength (control/load circuit) (AC, 1 min) | 1.5 kVrms |
| Dielectric strength (open contact) (AC, 1 min)         | 1 kVrms   |
| Dielectric strength (load/load circuit) (AC, 1 min)    | 1.5 kVrms |
| Protection type                                        | IP20      |

| Physical data           |                        |
|-------------------------|------------------------|
| Width                   | 21.5 mm / 0.846 inches |
| Height from the surface | 35 mm / 1.378 inches   |
| Depth                   | 28 mm / 1.102 inches   |

| Mechanical data |                  |
|-----------------|------------------|
| Mounting type   | Pluggable module |

| Material data        |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Fire load            | 0 MJ                                                                     |
| Weight               | 35 g                                                                     |

| Environmental requirements                         |                |
|----------------------------------------------------|----------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -25 ... +70 °C |
| Ambient temperature (storage)                      | -40 ... +80 °C |

| Standards and specifications |            |
|------------------------------|------------|
| Standards/specifications     | EN 61810-1 |

| Commercial data       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| PU (SPU)              | 3 pcs                    |
| Packaging type        | Box                      |
| Country of origin     | CN                       |
| GTIN                  | 4055143532013            |
| Customs tariff number | 85364900990              |

| Product classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39122334             |
| eCl@ss 10.0            | 27-37-16-01          |
| eCl@ss 9.0             | 27-37-16-01          |
| ETIM 9.0               | EC001437             |
| ETIM 8.0               | EC001437             |
| ECCN                   | NO US CLASSIFICATION |



| Environmental Product Compliance |                        |
|----------------------------------|------------------------|
| RoHS Compliance Status           | Compliant,No Exemption |

| Downloads                                |                   |
|------------------------------------------|-------------------|
| Environmental Product Compliance         |                   |
| Compliance Search                        |                   |
| Environmental Product Compliance 858-152 | <a href="#">↓</a> |

| Documentation |            |                 |                   |
|---------------|------------|-----------------|-------------------|
| Bid Text      |            |                 |                   |
| 858-152       | 29.11.2017 | doc<br>27.50 KB | <a href="#">↓</a> |
| 858-152       | 19.02.2019 | xml<br>4.32 KB  | <a href="#">↓</a> |

| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 858-152 | EPLAN Data Portal 858-152 |
| <a href="#">↓</a>    | <a href="#">↓</a>         |
|                      | WSCAD Universe 858-152    |
|                      | <a href="#">↓</a>         |

| 1 Compatible Products        |
|------------------------------|
| 1.1 Optional Accessories     |
| 1.1.1 Socket                 |
| 1.1.1.1 Socket without relay |



Item No.: 858-100  
Relay socket; 4 changeover contacts