

Data Sheet for Article: MU321012--

Plug-in Relay, 11 pin, 3 CO, 12VDC, 10A

Compatible with MT321012--



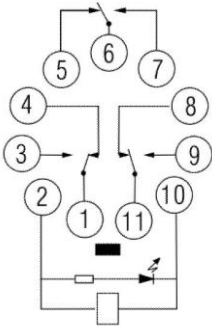
Technical Data

| | |
|--|---|
| Net weight (kg) | 0,09 |
| Min. ambient temperature (°C) | -10 |
| Max. ambient temperature (°C) | 55 |
| Contact current (A) | 10 |
| Rated current [Resistive load] (A) | 10 |
| Rated voltage [Resistive load] | 250VAC / 30VDC |
| Switching capacity [Resistive] | 2500VA / 300W |
| Contact material | Ag alloy |
| Initial contact resistance (Ohm) | ≤50mΩ |
| Electrical endurance (Operation cycle) | ≥ 10 ⁵ operations (1800 operations/h) |
| Mechanical durability | ≥ 10 ⁷ operations (18000 operations/h) |
| Pick-up voltage DC (V) | ≤ 80% (Bemessungsspannung) |
| Drop-out voltage DC | ≥ 10% (Rated voltage) |
| Maximum voltage (V) | 110% (Rated voltage) |
| Insulation resistance (MΩ*km) | ≥ 100mΩ (500VDC) |
| Operate time [at nominal voltage] (ms) | ≤ 30ms |
| Release time [at nominal voltage] (ms) | ≤ 20ms |
| Initial breakdown voltage | |
| Between open contacts | 1000VAC/1min |

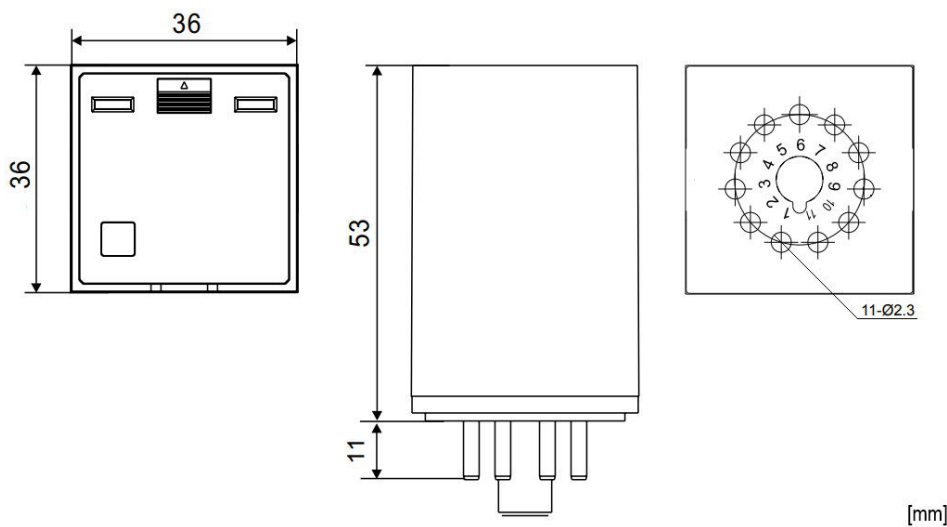
Technical Data - continued

| | |
|--------------------------|---------------|
| Between poles | 2500VAC/1 min |
| Between contact and coil | 2500VAC/1 min |
| Humidity (%) | 35% - 85% RH |
| Air pressure | 86 - 106kPa |
| shock resistance | 10G |
| Vibration resistance | 10 - 55Hz |
| Coil information | |
| Rated voltage | 12V-DC |
| Coil resistance | 96Ω |
| Power loss (W) | 1,44 |

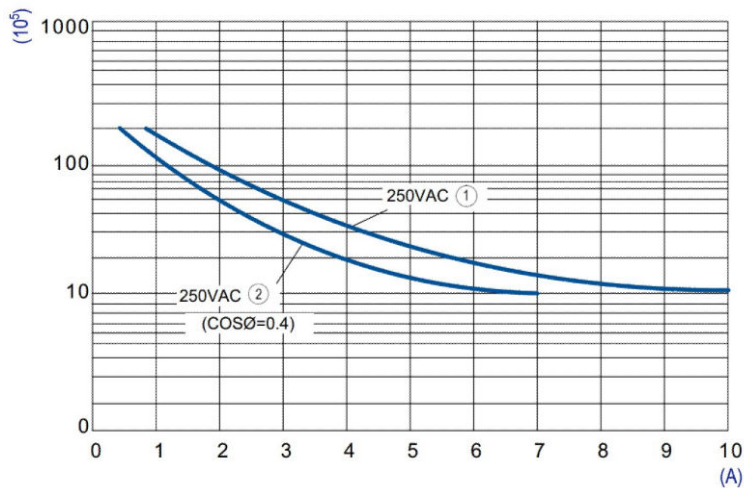
Circuit diagram: Plug-in Relay, 11 pin, 3 CO, 12VDC, 10A



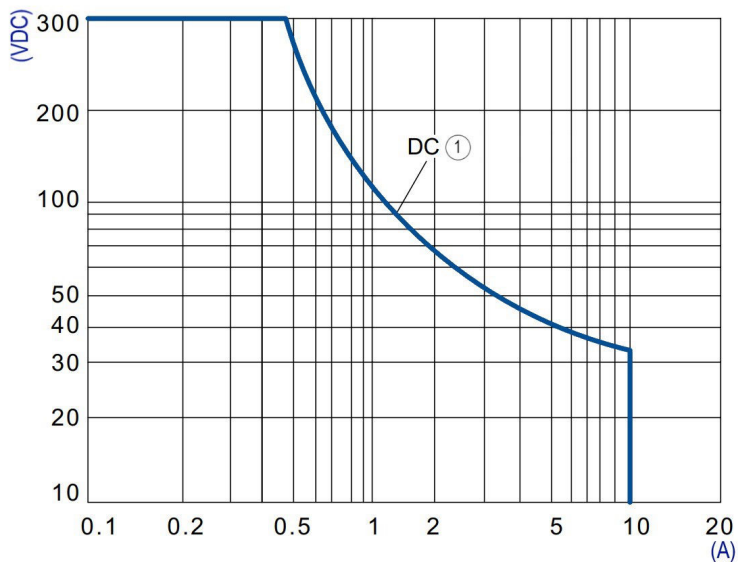
Dimensioned drawing: Plug-in Relay, 11 pin, 3 CO, 12VDC, 10A



Electrical Durability Contacts 1) resistive load 2) inductive load



Maximum Switching Capacity 1) resistive load



Article Table

| DESCRIPTION | Order No. |
|--|-----------|
| Plug-in Relay, 11 pin, 3 CO, 12VDC, 10A Compatible with MT321012-- | MU321012 |
| Optional Accessories | |
| Socket, screw connection, 11 pole, 12A for 3 pole MU relays Compatible with 3 pole MT-Relay | YMU78740 |