

Data Sheet for Article: MU326115--

# Plug-in Relay, 11 pin, 3 CO, 115VAC, 10A

Compatible with MT326115--



## Technical Data

|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| Min. ambient temperature (°C)          | -10                                               |
| Max. ambient temperature (°C)          | 55                                                |
| Switching contacts                     | 3 CO                                              |
| Contact current (A)                    | 10                                                |
| AC coil (VAC)                          | 115                                               |
| 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 <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                    | ≥ 30% (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                                            |

## Technical Data - continued

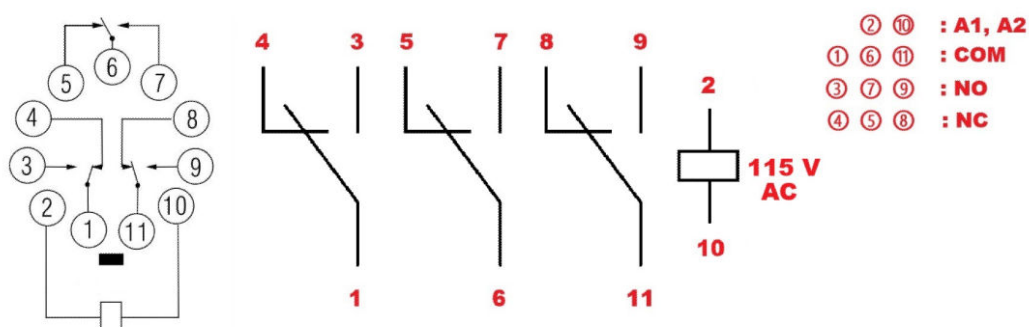
### Initial breakdown voltage

|                          |              |
|--------------------------|--------------|
| Between open contacts    | 1000VAC/1min |
| Between poles            | 2500VAC/1min |
| Between contact and coil | 2500VAC/1min |
| Humidity (%)             | 35% - 85% RH |
| Air pressure             | 86 - 106kPa  |
| shock resistance         | 10G          |
| Vibration resistance     | 10 - 55Hz    |

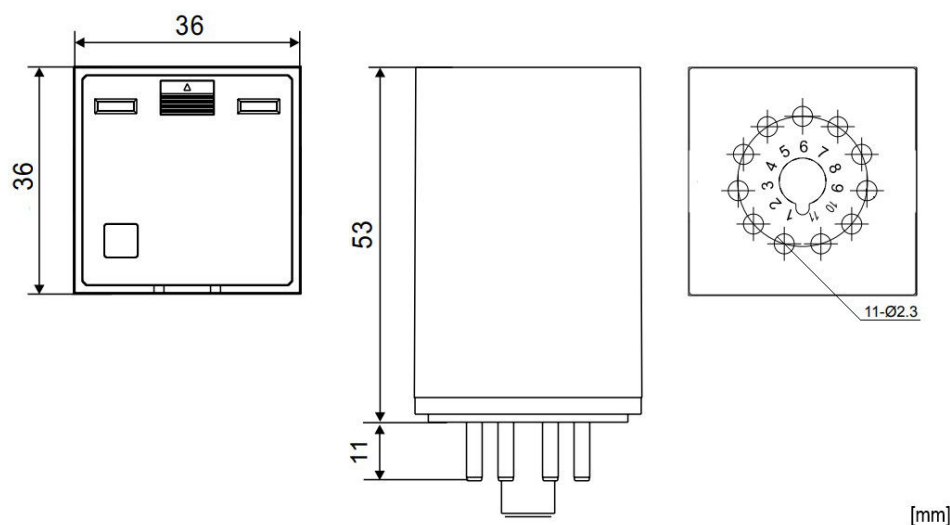
### Coil information

|                 |         |
|-----------------|---------|
| Rated voltage   | 115V-AC |
| Coil resistance | 1250Ω   |
| Net weight (kg) | 0,09    |
| Power loss (W)  | 2,30    |

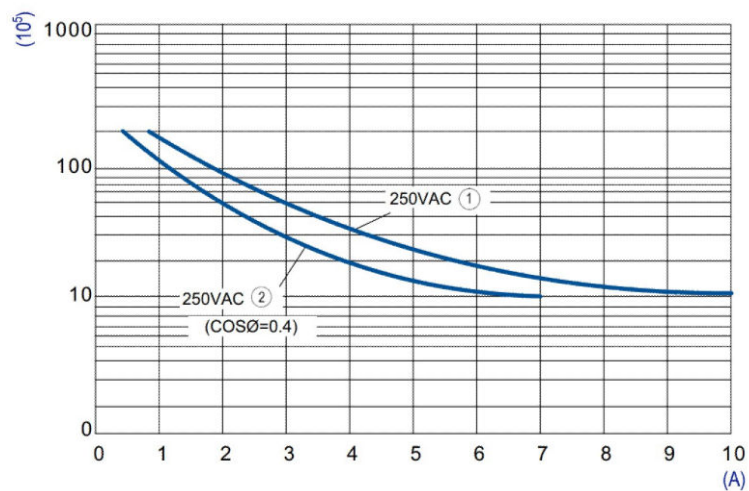
### Circuit diagram: Plug-in Relay, 11 pin, 3 CO, 115VAC, 10A



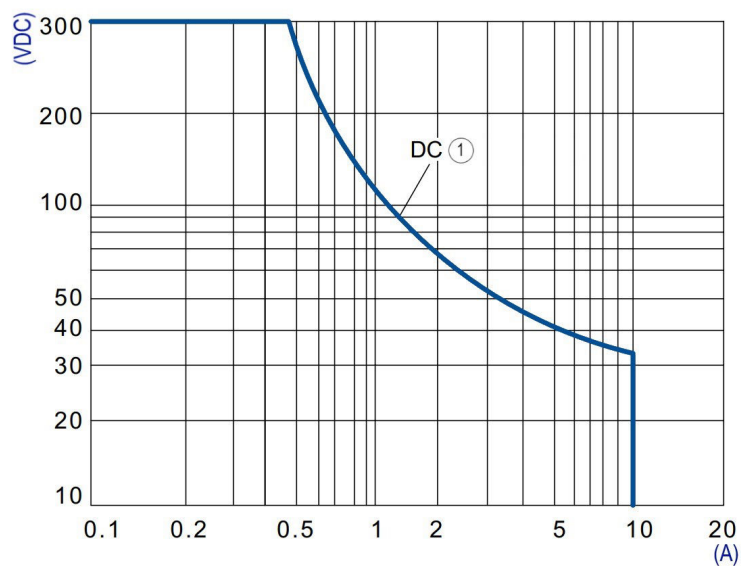
### Dimensioned drawing: Plug-in Relay, 11 pin, 3 CO, 115VAC, 10A



## 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, 115VAC, 10A<br>Compatible with MT326115--                         | MU326115  |
| <b>Optional Accessories</b>                                                                    |           |
| Socket, screw connection, 11 pole, 12A for 3 pole MU relays<br>Compatible with 3 pole MT-Relay | YMU78740  |