

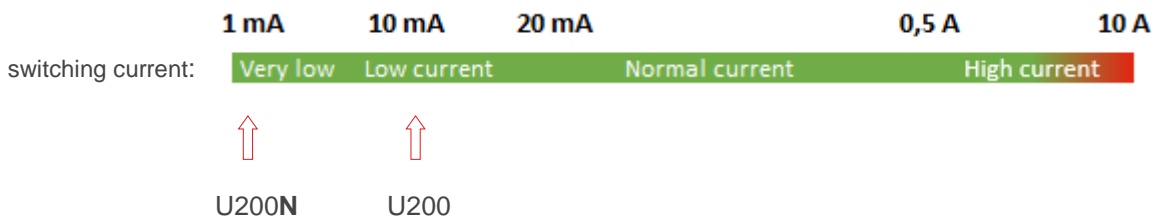
## Differences improved U200N timer relays compared to existing U200 timer relays

The **U200N** relay series is a form-fit-function successor of the “classic” U200 relay series. The **U200N** timer relay is identical to the existing U200 timer relay with the following advantages:

### 1. Improved performance low current switching

Contact reliability according IEC 60947-5-4:

| Contact switching load | Failure rate $\lambda_c$ | Mean number of operating cycles to contact failure $m_c$ |
|------------------------|--------------------------|--|
| 1 mA, 5 VDC            | $5 \times 10^{-8}$       | 20.000.000   |



Advise to always use gold plated contacts when switching very low currents to prevent contact corrosion (option E).

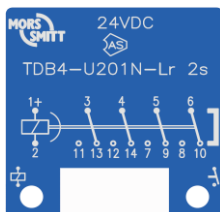
### 2. Serializing

Each **U200N** relay is marked with a unique serial number to which link important information and test results. The GTIN (Global Trade Item Number) and part number are printed on each relay in both text and data matrix code according the worldwide recognized GS1 standard, being able to scan each relay for logistical and traceability purposes.



### 3. Marking

On top of each **U200N** timer relay with fixed times a white area is printed to easily mark/label the relay. In this way relay identification according customers' own preference is very easy and convenient.



### 4. -40° Celsius

The **U200N** timer relay as standard is suitable for low temperatures down to -40° Celsius. The existing option C (low temperature) for the U200 relay, is as standard included in the **U200N** relay.

5. Red or green LEDs

Besides red the LEDs can also be green depending on customers' preference.

Visual differences U200N timer relay compared to existing U200 timer relay

