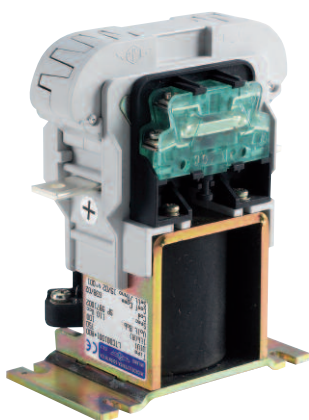


# Switches



## LTC001001\*A00

|                                           |                       |
|-------------------------------------------|-----------------------|
| Type                                      | LTCS 100              |
| Number of Poles                           | 1 NO                  |
| Mounting Position                         | Horizontal - Vertical |
| Control Voltage Rating [V <sub>dc</sub> ] | 14 ÷ 250              |
| Auxiliary Contact Blocks                  | Max 2 (1 NO + 1 NC)   |
| Block Type                                | SJ                    |
| Arc chute Material                        | Polyester Resin       |
| Contact tips material                     | S6                    |

### Description

Contactor with double interruption in air, electromagnetic control by full power coil. Single state functioning.  
Reference standard IEC 60077.

| Electrical Characteristics                                     |                    |
|----------------------------------------------------------------|--------------------|
| Rated Operational Voltage [V <sub>ac</sub> / V <sub>dc</sub> ] | 750                |
| Max Operational Voltage [V <sub>ac</sub> / V <sub>dc</sub> ]   | 1000               |
| Rated Insulation Voltage [V]                                   | 1000               |
| Conventional Free Air Thermal Current [A] at 75°C              | 80                 |
| DC-Rated Operational Current (τ=15ms) [A]                      |                    |
| 750V                                                           | 20                 |
| 400V                                                           | 40                 |
| DC-Maximum Breaking Capacity (τ=15ms) [A]                      |                    |
| 750V                                                           | 30                 |
| 400V                                                           | 60                 |
| AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]              |                    |
| 750V                                                           | 40                 |
| 400V                                                           | 80                 |
| Component Category / Operational Frequency Class               | A2 / C3            |
| Short Circuit Withstand Capacity for 5ms [kA]                  | 1.5                |
| Critical Current Range [A]                                     | DC Reverse current |
| Fault Making Capacity [kA]                                     | 0.9                |
| Blow Out Circuit Type                                          | Permanent Magnet   |

Minimum clearances  
from metal parts [mm]  
X = 80; Y = 80 ; Z = 20

