

# Switches



## LTHH00401\*A05

Type	LTHH 40
Number of Poles	1 NO
Mounting Position	Horizontal - Vertical
Control Voltage Rating [V <sub>dc</sub> ]	12 ÷ 220
Auxiliary Contact Blocks	Max 2 (1 NO + 1 NC)
Block Type*	SJ - LJ
Arc chute Material	Ceramic
Contact tips material*	S6

\* For details please refer to dedicated technical note

### Description

Contactor single 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> ]	1500
Max Operational Voltage [V <sub>ac</sub> / V <sub>dc</sub> ]	2000
Rated Insulation Voltage [V]	2000
Conventional Free Air Thermal Current [A] at 75°C	40
DC-Rated Operational Current (τ=15ms) [A]	
1500V	60
750V	120
DC-Maximum Breaking Capacity (τ=15ms) [A]	
1500V	70
750V	140
AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]	
1500V	80
750V	160
Component Category / Operational Frequency Class	A2 / C3
Short Circuit Withstand Capacity for 5ms [kA]	2
Critical Current Range [A]	< 5 (U > 1500V <sub>dc</sub> )
Fault Making Capacity [kA]	1.2
Blow Out Circuit Type	Indirect

Minimum clearances  
from metal parts [mm]  
X = 80; Y = 60 ; Z = 30



