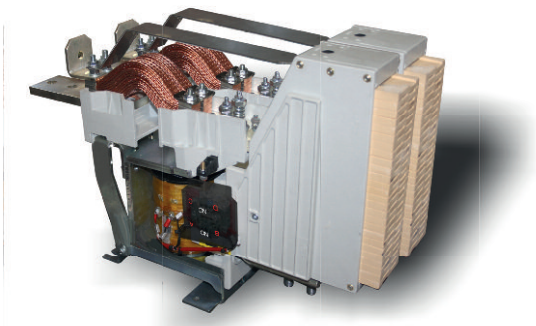


# Switches



## LTHS15002\*A01

Type	LTHS 1500
Number of Poles	2 NO
Mounting Position	Horizontal - Vertical
Control Voltage Rating [V <sub>dc</sub> ]	24 ÷ 220
Auxiliary Contact Blocks	Max 4 x (1 NO + 1 NC)
Block Type*	SL
Arc chute Material	Ceramic
Contact Tips Material*	S4 - S6

\* For details please refer to dedicated technical note

### Description

Contactor with 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	
	Series Connected	Parallel Connected
Conventional Free Air Thermal Current [A] at 75°C	1250	2500
DC-Rated Operational Current (τ=15ms) [A]		
1500V	2600	1550
750V	5200	3100
DC-Maximum Breaking Capacity (τ=15ms) [A]		
1500V	3200	1950
750V	6400	3900
AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]		
1500V	3600	2100
750V	7200	4200
Short Circuit Withstand Capacity for 5ms [kA]	16	24
Critical Current Range [A]	<30 at 1500V <sub>dc</sub>	<50 at 1500V <sub>dc</sub>
Fault Making Capacity [kA]	9.6	14.4
Component Category / Operational Frequency Class	A2 / C3	
Blow Out Circuit Type	Indirect	

Minimum clearances  
from metal parts [mm]  
X = 80; Y = 300 ; Z = 40

