

Switches



LTHS06503*A02

Type	LTHS 650
Number of Poles	3 NO
Mounting Position	Horizontal - Vertical
Control Voltage Rating [V _{dc}]	12 ÷ 220
Auxiliary Contact Blocks	Max 3 x (1 NO + 1 NC or 2 NO)
Block Type	SL
Arc chute Material	Polyester Resin - Ceramic
Contact tips material*	S6

* For details please refer to dedicated technical note

Description

Contactor with single interruption in air, electromagnetic control by power coil with economy resistor. Single state functioning. Reference Standard IEC 60077.

Electrical Characteristics

Rated Operational Voltage [V _{ac} / V _{dc}]	1500	
Max Operational Voltage [V _{ac} / V _{dc}]	2000	
Rated Insulation Voltage [V]	2000	
Conventional Free Air Thermal Current [A] at 75°C	650	
DC-Rated Operational Current (τ=15ms) [A]	Polyester Resin arc chute	Ceramic arc chute
1500V	600	900
750	1300	1850
DC-Maximum Breaking Capacity (τ=15ms) [A]		
1500V	750	1500
750	1500	3000
AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]		
1500V	950	1850
750	1850	3750
Component Category / Operational Frequency Class	A2 / C3	
Short Circuit Withstand Capacity for 5ms [kA]	12	
Critical Current Range [A]	< 50 (U > 1500V _{dc})	
Fault Making Capacity [kA]	7.2	
Blow Out Circuit Type	Indirect	

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



