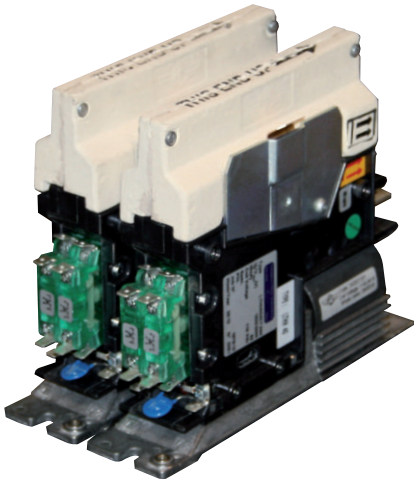


Switches



LTHH00402SA02

Type	LTHH 40
Number of Poles	2 NO
Mounting Position	Horizontal - Vertical
Control Voltage Rating [V _{dc}]	12 ÷ 640
Auxiliary Contact Blocks	Max 4 x (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 with single interruption in air, electromagnetic control by full power coil. 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	
	Serie Connected	Parallel Connected
Conventional Free Air Thermal Current [A] at 75°C	60	120
DC-Rated Operational Current (τ=15ms) [A]		
1500V	120	60
750V	240	120
DC-Maximum Breaking Capacity (τ=15ms) [A]		
1500V	140	70
750V	280	140
AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]		
1500V	160	80
750V	320	160
Short Circuit Withstand Capacity for 5ms [kA]	2	4
Critical Current Range [A]	<3 at 1500 V _{dc}	<5 at 1500 V _{dc}
Fault Making Capacity [kA]	1.2	2.4
Component Category / Operational Frequency Class	A2 / C3	
Blow Out Circuit Type	Indirect	

Minimum clearances from metal parts [mm]
X = 100; Y = 60 ; Z = 30

