



## LTHH00402SA02

Туре	LTHH 40
Number of Poles	2 NO
Mounting Position	Horizontal - Vertical
Control Voltage Rating [V <sub>dc</sub> ]	12 ÷ 640
Auxiliary Contact Blocks	Max 4 x (1 NO + 1 NC)
Block Type*	SJ - LJ
Arc chute Material	Ceramic
Contact Tips Material*	S6

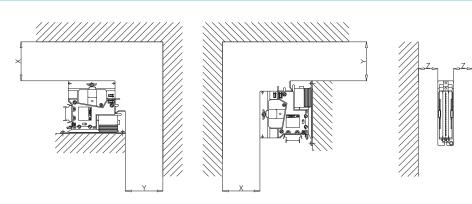
\* For details please refer to dedicated technical note

## 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 [Vac / Vdc]	1500	
Max Operational Voltage [Vac / Vdc]	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 (r=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 (cos $\phi$ =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 <sub>dc</sub>	<5 at 1500 V <sub>dc</sub>
Fault Making Capacity [kA]	1.2	2.4
Component Category / Operational Frequency Class	A2 / C3	
Blow Out Circuit Type	Inc	direct

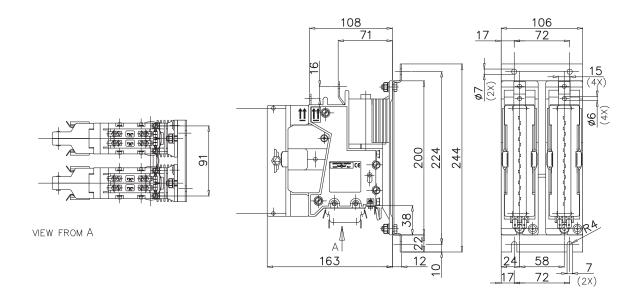
Minimum clearances from metal parts [mm] X = 100; Y = 60 ; Z = 30







Mechanical Characteristics	
Mechanical Endurance (cycles)	2x10 <sup>6</sup>
Shock and Vibrations (IEC61373)	Cat.1 - Class B
Weight [kg]	3.7
Control Circuit	
Control Voltage Range	0.7Uc ÷ 1.25Uc
Power Consumption (U <sub>c</sub> and T = 20°C) at Pick Up - when Holding [W]	12 - 12
Mechanical Operation Time (U <sub>c</sub> and T = 20°C) when Closing - Opening [ms]	50 - 24
Time Constant (L/R) at Pick Up - when Holding [ms]	25 - 50
Electrical Connections	Fast-On 6.35x0.8mm - Screw M4
Auxiliary Contacts	
Tips material	Solid Silver (Gold plating opt)
Rated Operational Voltage [Vac / Vdc]	250
Rated Current [A]	10
Minimum Switching Current at 16V <sub>dc</sub> [mA]	20
Electrical Connections	Fast-On 6.35x0.8mm - Screw M3
Environmental Conditions	
Stock Temperature Range	-50°C ÷ +85°C
Operational Temperature Range	-40°C ÷ +75°C
Pollution Degree - Overvoltage Category (EN 50124-1)	PD3 / OV3
Max Altitude without Performance Derating [m]	1500



**ONWIN** 昂寅电气