Switches



LTHS03201*B01

Туре	LTHS 320
Number of Poles	1 NC
Mounting Position	Horizontal - vertical
Control Voltage Rating [Vdc]	24 ÷ 220
Auxiliary Contact Blocks	Max 4x(1 NO + 1 NC or 2 NO)
Block Type*	SK - SL - LP - RK
Arc chute Material	Ceramic
Contact tips material*	S6
	-

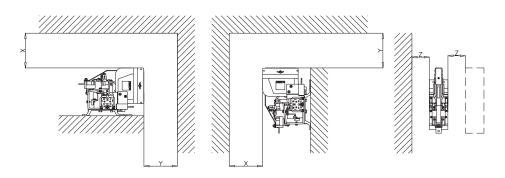
^{*} For details please refer to dedicated technical note

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
Conventional Free Air Thermal Current [A] at 75°C	300
DC-Rated Operational Current (τ=15ms) [A]	
1000V	225
750V	300
DC-Maximum Breaking Capacity (τ=15ms) [A]	
1000V	400
750V	510
AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]	
1000V	290
750V	380
Component Category / Operational Frequency Class	A2 / C3
Short Circuit Withstand Capacity for 5ms [kA]	8
Critical Current Range [A]	NONE
Fault Making Capacity [kA]	4.8
Blow Out Circuit Type	Indirect with arcing contact

Minimum clearances from metal parts [mm] X = 200; Y = 80; Z = 30





电话:13913612887 邮箱:18606282955@163.com 网址:www.dzozo.cn

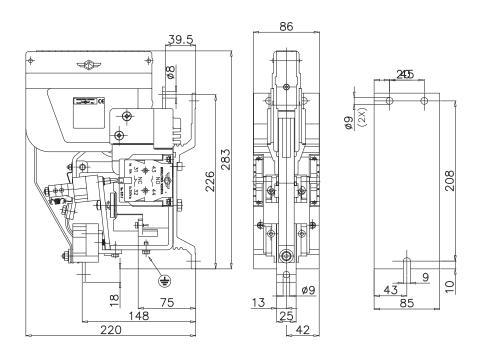
Switches

Mechanical Characteristics	
Mechanical Endurance (cycles)	2x10 ⁶
Shock and Vibrations (IEC61373)	Cat.1 - Class B
Weight [kg]	4.8

Control Circuit	
Control Voltage Range	0.7Uc ÷ 1.25Uc
Power Consumption (U $_c$ and T = 20°C) at Pick Up - when Holding [W]	25 - 25
Mechanical Operation Time (U _c and T = 20°C) when Closing - Opening [ms]	110 - 30
Time Constant (L/R) at Pick Up - when Holding [ms]	60 - 80
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 (RK= 0.5)
Minimum Switching Current at 16V _{dc} [mA]	20
Electrical Connections	Fast-On 6.35x0.8mm - Screw M4

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





电话:13913612887 邮箱:18606282955@163.com 网址:www.dzozo.cn