

STANDARD FAMILY CODE LTHS03201*A02

	STD MP HP		
Family Type	LTHS 320 STD LTHS 320 MP LTHS 320 HP		
Number / Type of Poles	1 / NO		
Mounting Position	Vertical*		
Control Voltage Rating Uc (DC) [V]	24 - 36 - 48 - 72 - 110 ¹		
Auxiliary Contact Blocks	2 x (1 NO + 1 NC)		
Block Type	SL		
Arc-chute Material	Ceramic		
Main Contacts Tips Material	S6		
Arcing Contacts Tips Material	S6		
Electric Diagram	-		
Layout Drawing	D52486 D56289 D56173		

^{*}Available in Horizontal position under the code LTHS03201SA72



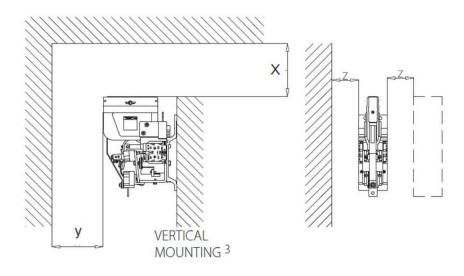
Description

Contactor with single interruption in air, electromagnetic control by full power coil. Single state functioning.Reference Standards IEC 60077, IEC 61992 and IEC 60947.

300		
2000		
2000		
12		
0		
6000 4700		
1500		
)		
Р НР		
0		
0		
0		
5 200		
60 400		
1500		
2700		
00 1500		
00 2700		
C3		
5 (for 100 ms)		
None at 900 Vdc < 5A at 1800 Vdc		
5 Indirect coil with arcing contact		
P HP		
10 ⁶		
Cat.1 - Class B		
2 5.7		
1.25Uc		
1.25Uc - 25		
- 25		

Auxiliary Contact			
Rated Operational Voltage (AC / DC)	[V]	250	
Conventional Free Air Thermal Current at 40 $^{\circ}\text{C}$	[A]	10	
Tips Material		Silver Alloy (Optional: Golden Plated)	
Minimum Let-through Current at 24 - 72 - 110 VDC⁴	[mA]	20(10) - 15(7.5) - 10(5) ⁴	
Electrical Connections		Fast-on 6.35 x 0.8 mm	
Environmental Conditions			
Stock Temperature Range	[°C]	-50 ÷ +85	
Operational Temperature Range	[°C]	$Tx (-40 \div +75)^5$	
Pollution Degree - Overvoltage Category (EN 50124-1)		PD3 - OV3	
Max Altitude without Performance Derating	[m]	2000	

¹To be specified in order phase.



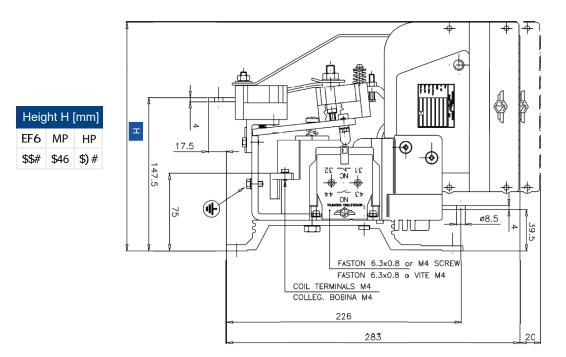
Minimum clearances [mm] from:				
Rated Operational Voltage		X	Υ	Z
1800 V	Metal Parts	120	50	50
	Plastic Parts	50	30	20

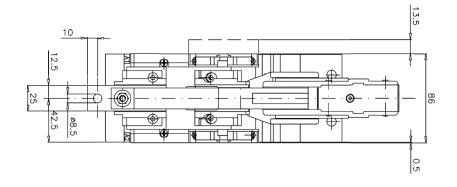
Minimum clearances [mm] from:				
Rated Operational Voltage		X	Υ	Z
900 V	Metal Parts	100	50	30
	Plastic Parts	50	30	20

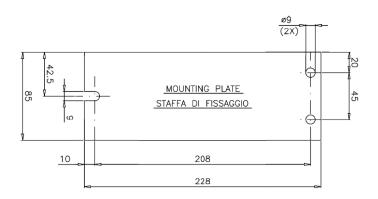
 ² Device cabled according IEC 60947
³ Other mounting positions not allowed, reduced distances should be approved by Microelettrica
⁴Reference Standard IEC 60947-5-4. Tested in a DRY and CLEAN condition with an LR load. The values with golden plated tips are $indicated\ between\ brackets. For\ different\ working\ conditions,\ please\ contact\ Microelettrica$

⁵ According to EN 50125-1









The technical specifications reported are not binding and they should be agreed in the contract.

For further technical information on our products visit www.microelettrica.com

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