

Switches

Standard Family Code LTHH10441EA02



Description

Contacter single interruption in air, electromagnetic control by starter power system plus saving resistor. Single state function. Reference Standard IEC 60077, IEC 61992 and IEC 60947.

Type	LTE 4-400
Number of Poles	1 NO
Mounting Position	Horizontal - Vertical ¹
Control Voltage Rating U _c [Vdc]	24 - 36 - 48 - 72 - 110 ¹
Auxiliary Contact Blocks	2 (1 NO + 1 NC)
Block Type	PBX
Arc chute Material	Ceramic
Main Contacts tips Material	S6
Arcing Contacts tips Material	-
Electric Diagram	SC26989
Layout Drawing	D48479

¹ To be specified in order phase.

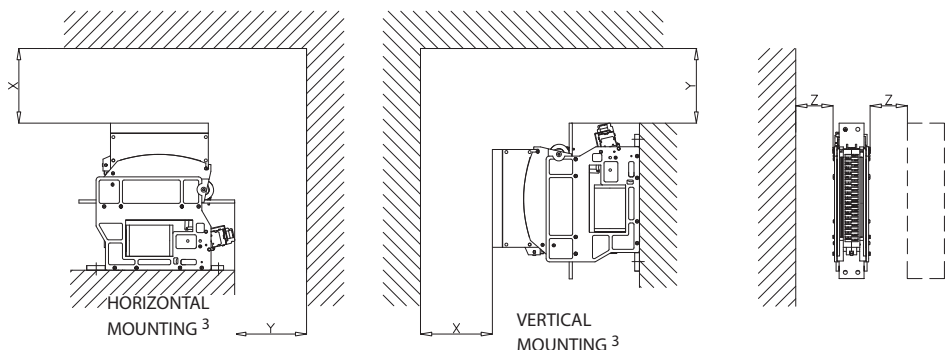
Electrical Characteristics

Rated Operational Voltage [V _{ac} / V _{dc}]	900 / 1800 / 3600 ¹
Max Operational Voltage [V _{ac} / V _{dc}]	4000
Rated Insulation Voltage [V]	4000
Conventional Free Air Thermal Current [A] at 40°C ²	900
Conventional Free Air Thermal Current [A] at 75°C ²	800
DC-Rated Operational Current (τ=15ms) [A]	
3600V	330
1800V	750
900V	1125
DC-Maximum Breaking Capacity (τ=5ms) [A]	
3600V	500
1800V	1080
900V	1620
AC-Maximum Breaking Capacity (cosφ=0,8; 50Hz) [A]	
3600V	800
1800V	1500
900V	2000
Component Category / Operational Frequency Class	A2 / C3
Short Circuit Withstand Capacity for 5ms [kA]	16
Critical Current Range [A]	<6(U > 1500V _{dc})
Fault Making Capacity [kA]	9.6
Blow Out Circuit Type	Indirect coil

² Device cabled according IEC 60947

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

Minimum clearances [mm] from:				
Rated Operational Voltage	X	Y	Z	
3600V	Metal Parts	200	50	50
	Plastic Parts	100	50	30



³ OTHER MOUNTING POSITIONS NOT ALLOWED



Microelettrica Scientifica

