

SWITCHES

STANDARD FAMILY CODE LTKS0901HX000

Type	LTKS900
Number of Poles	1 NO + 1 NC
Mounting Position	Horizontal - Vertical ¹
Control Voltage Rating [V ^{dc}]	24-110 ¹
Auxiliary Contact Blocks	3 (1NO+1NC) + 1CO
Block Type	Integrated
Main Contacts tips Material	Cu
Layout Drawing	D54132
Electric Diagram	SC27630

¹ To be specified in order phase.



MICROELETTRICA

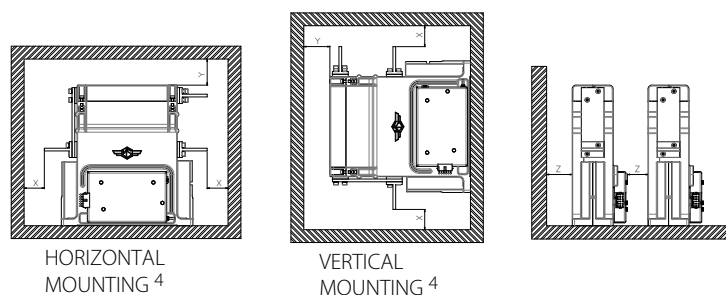
Description

One pole normally opened and closed disconnecter switch, electric motor control by electronic device, 2 positions, bi-stable. Reference standard IEC 60077-2.

Electrical Characteristics	
Rated Operational Voltage [V_{ac} / V_{dc}]	3600
Max Operational Voltage [V_{ac} / V_{dc}]	4200
Conventional Free Air Thermal Current [A] at 40°C ²	1050
Conventional Free Air Thermal Current [A] at 75°C ²	900
Main circuit resistance [$\mu\Omega$] ³	<80
DC-Rated Operational Current ($\tau=15ms$) [A]	0
DC-Maximum Breaking Capacity ($\tau=5ms$) [A]	0.2
AC-Maximum Breaking Capacity ($\cos\phi=0,8$) [A]	0.5
Short Circuit Withstand Capacity for 100ms [kA]	50
Fault Making Capacity @ 100V ($\tau=0ms$) [A]	50
Component Category / Operational Frequency Class	A4 / C3
Insulation Characteristics	
Rated Insulation Voltage @ OV4/PD3A [V]	3700
Rated Insulation Voltage @ OV3/PD3 [V]	4800
Rated impulse voltage [kV]	30
Rated Power Frequency Withstand Voltage (50Hz; 60")	
Between HV circuit and LV circuit+Earth [V]	11600
Between open contacts [V]	9200
Between each pole (if more than 1) [V]	11600
Between LV circuit and Earth [V]	1500
Minimum clearance distance between open contacts [mm]	80
Minimum clearance distance between HV circuit and LV circuit+earth [mm]	40
Minimum creepage distance [mm]	80
Comparative Tracking Index (CTI) (IEC 60112) [V]	600

² Device cabled according IEC 60947 ³ In new and clean condition for power loss calculation only

⁴ Other mounting positions not allowed



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

