

SWITCHES

STANDARD FAMILY CODE LTMP20003XP00

Type	LTMP 2000
Number of Poles	3CO
Mounting Position	Horizontal - Vertical ¹
Control Voltage Rating [V ^{dC}]	24
Auxiliary Contact Blocks	2 CO for each pole
Block Type	V3
Contact Material	Cu
Electric Diagram	SC27714
Layout Drawing	D55582

¹ To be specified in order phase.



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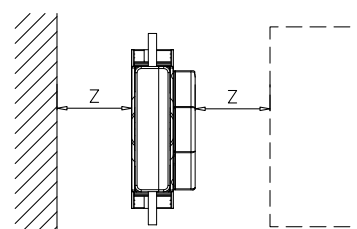
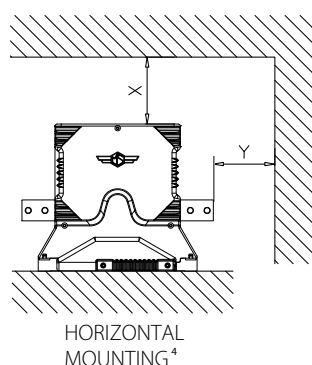
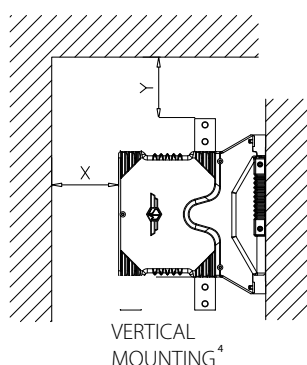
Description

Modular multipole-Multiposition off-load disconnecter, electric motor control without auxiliary relay, 2 position bi-stable. Reference standard IEC 60077-2, IEC 61992 and IEC 60947.

Electrical Characteristics	
Rated Operational Voltage [V_{ac} / V_{dc}]	3600
Max Operational Voltage [V_{ac} / V_{dc}]	4000
Conventional Free Air Thermal Current [A] at 40°C ²	2200
Conventional Free Air Thermal Current [A] at 75°C ²	2000
Main circuit resistance [$\mu\Omega$] ³	50
DC-Rated Operational Current ($\tau=15ms$) [A]	0
DC-Maximum Breaking Capacity ($\tau=5ms$) [A]	0.4
AC-Maximum Breaking Capacity ($\cos\phi=0,8$) [A]	1
Short Circuit Withstand Capacity for 5ms [kA]	180
Component Category / Operational Frequency Class	A4 / C3
Insulation Characteristics	
Rated Insulation Voltage [V]	4000
Pollution Degree - Overvoltage Category (EN 50124-1)	PD3/OV3
Rated impulse voltage [kV]	30
Rated Power Frequency Withstand Voltage (50Hz; 60")	
Between HV circuit to Earth [V]	10000
Between HV to LV circuit [V]	10000
Between open contacts [V]	7900
Between each pole (if more than 1) [V]	7900
Between LV circuit to Earth [V]	1500
Minimum clearance distance Between open contacts [mm]	40
Minimum clarence distance between power circuit to earth [mm]	40
Minimum creepage distance	50
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, reduced distances should be approved by Microelettrica.



Minimum clearances [mm] from:

Rated Operational Voltage		X	Y	Z
4000V	Metal Parts	50	50	30
	Plastic Parts	30	30	30

