

## STANDARD FAMILY CODE N0001000P2A01

Туре	N 1000
Number of Poles	2 NO
Connection between poles	Series <sup>1</sup>
Mounting Position	Vertical
Control Voltage Rating Uc [Vdc]	110Vdc/Vac - 220Vdc/Vac <sup>2</sup>
Auxiliary Contact Blocks	5 NO + 5 NC
Block Type	В
Arc chute Material	Ceramic in plastic shells
Main Contacts tips Material	S6
Arcing Contacts tips Material	-
Electric Diagram	TU0165/B (DC) - TU0165/C (AC)
Layout Drawing	D53411

<sup>&</sup>lt;sup>1</sup> Series bar connections available under request



<sup>&</sup>lt;sup>2</sup> To be specified in order phase.

## Description

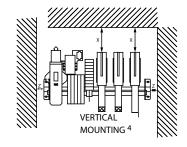
Contactor with single interruption in air, electromagnetic control by power save system (economy resistor). Typical application DC Motor control. Reference Standard IEC 60947-4-1.

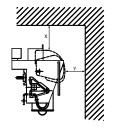
Electrical Characteristics					
Rated Operational Voltage Ue [Vdc]	220	440	660	750	1000
Rated Insulation Voltage Ui [Vdc]	1000				
Conventional Free air thermal current lth [ at 40°C] <sup>3</sup>	1000				
Conventional Free air thermal current lth [ at 60°C] <sup>3</sup>	870				
Maximum Making Capacity for 100 ms lch [kA]	18				
Short Circuit Withstand Current for 100 ms lcw [kA]	20				
Average impedence per pole at 50 Hz [MicroOhm]	335				
Blow out circuit type	Direct				

Electrical Characteristics 2NO poles series connected (S6) for DC application					
Rated Operational Voltage [Vdc]	220	440	660	750	1000
Maximum Breaking Capacity tau=15ms Idcmax [A]	13000	9000	7500	6600	4950
Utilization Category according to IEC60947-4-1: DC3					
Rated Operational Power Pe [kW]	220	440	660	750	900
Rated Operational Current le [A]	1000	1000	1000	1000	900
Utilization Category according to IEC60947-4-1: DC5					
Rated Operational Power Pe [kW]	220	440	600	600	0
Rated Operational Current le [A]	1000	1000	909	800	0

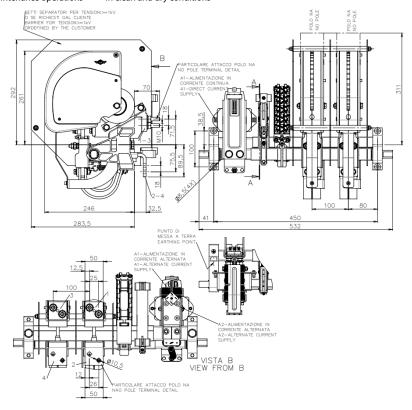
 $<sup>^3</sup>$  Device cabled according IEC 60947  $\,^{-4}$  Other mounting positions not allowed

Minimum clearances [mm] from:				
Rated Insulation Voltage		X	Y	Z
1000	Metal Parts	100	50	30
	Plastic Parts	50	30	20





<sup>&</sup>lt;sup>5</sup> With respect of the maintenance operations <sup>6</sup> In clean and dry conditions



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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<b>(((€))</b> )	NEW YORK AIR BRAKE	(( <b>(K</b> )))	KIEPE ELECTRIC
<b>(((()))</b>	IFE	(( <b>(K</b> )))	EVAC
(( <b>((K)</b> ))	MERAK	((K)))	ZELISKO
<b>(((()))</b>	MICROELETTRICA	(( <b>(K</b> )))	RAILSERVICES