

## SWITCHES

$\square$

## STANDARD FAMILY CODE N0002000P3A01

|  |  |
| :--- | :--- |
| Type | N 2000 |
| Number of Poles | 3 NO |
| Connection between poles | None |
| Mounting Position | Vertical |
| Control Voltage Rating Uc [Vdc] | $110 \mathrm{Vdc} /$ Vac - 220Vdc/Vac |
| Auxiliary Contact Blocks | 5 NO + 5 NC |
| Block Type | B |
| Arc chute Material | Ceramic in plastic shells |
| Main Contacts tips Material | S6 |
| Arcing Contacts tips Material | S8 |
| Electric Diagram | TU0165/B (DC) - TU0165/C (AC) |
| Layout Drawing | D53364 |

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## Description

Contactor with single interruption in air, electromagnetic control by power save system (economy resistor). Typical application 3 Phase AC Motor control. Reference Standard IEC 60947-4-1.

| Electrical Characteristics |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Rated Operational Voltage Ue [Vac] | 220 | 380 | 600 | 690 |
| Rated Insulation Voltage Ui [Vac] | 1000 |  |  |  |
| Conventional Free air thermal current Ith [ at $\left.40^{\circ} \mathrm{C}\right]^{2}$ | 2000 |  |  |  |
| Conventional Free air thermal current Ith [ at $\left.60^{\circ} \mathrm{C}\right]^{2}$ | 1750 |  |  |  |
| Maximum Making Capacity for $100 \mathrm{~ms} \mathrm{Ich} \mathrm{[kA]}$ | 25 |  |  |  |
| Short Circuit Withstand Current for $100 \mathrm{~ms} \mathrm{Icw} \mathrm{[kA]}$ | 30 |  |  |  |
| Average impedence per pole at 50 Hz [MicroOhm] | 150 |  |  |  |
| Blow out circuit type | Indirect with arcing contact |  |  |  |
| Electrical Characteristics 3NO pole (S6) for AC application |  |  |  |  |
| Rated Operational Voltage Ue [Vac] | 220 | 380 | 600 | 690 |
| Maximum Breaking Capacity $\cos \Phi=0,5$ lacmax [A] | 38000 | 22000 | 17200 | 15000 |
| Utilization Category according to IEC60947-4-1: AC1\&AC2\&AC3 |  |  |  |  |
| Rated Operational Power Pe [kW] | 520 | 900 | 1350 | 1350 |
| Rated Operational Current le [A] | 1800 | 1800 | 1800 | 1414 |
| Utilization Category according to IEC60947-4-1: AC4 |  |  |  |  |
| Rated Operational Power Pe [kW] | 470 | 810 | 1090 | 1090 |
| Rated Operational Current le [A] | 1600 | 1600 | 1600 | 1141 |
| Exeptional Maximum Breaking Capacity @ 1000Vac $\cos \Phi=0,5[\mathrm{~A}]$ | 10000 |  |  |  |


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




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

|  | KNORR-BREMSE | (1)] SELECTRON |
| :---: | :---: | :---: |
| (1)] | NEW YORK AIR BRAKE | M(1)11 KIEPE ELECTRIC |
| (1)1 |  | (10) EVAC |
| (1)] | MERAK | (10)] ZELISKO |
| (13) | MICROELETTRICA | (10) RAILSERVICES |


[^0]:    To be specified in order phase.

