

# E2.2N 2000 Ekip Touch LSI 3p F HR



Products Low Voltage Products and Systems Circuit Breakers Air Circuit Breakers Emax 2

## General Information

|                               |                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | E2.2N 2000 Ekip Touch LSI 3p F HR                                                                                                                                                                                 |
| <b>Product ID:</b>            | 1SDA071035R1                                                                                                                                                                                                      |
| <b>EAN:</b>                   | 8015644748852                                                                                                                                                                                                     |
| <b>Catalog Description:</b>   | E2.2N 2000 Ekip Touch LSI 3p F HR                                                                                                                                                                                 |
| <b>Long Description:</b>      | C.BREAKER SACE EMAX2 E2.2N 2000 FIXED THREE-POLE WITH TERMINALS REAR HO<br>RIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 2000 FITTED WITH: 4<br>AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

## Additional Information

|                                           |                                                                                |
|-------------------------------------------|--------------------------------------------------------------------------------|
| <b>Country of Origin:</b>                 | Italy (IT)                                                                     |
| <b>Current Type:</b>                      | AC                                                                             |
| <b>Customs Tariff Number:</b>             | 85362090                                                                       |
| <b>Data Sheet, Technical Information:</b> | 1SDC200023D0204                                                                |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0020                                                                |
| <b>EAN:</b>                               | 8015644748852                                                                  |
| <b>EPLAN Catalog Tree:</b>                | Electrical engineering / Power switchgear / General                            |
| <b>ETIM 4:</b>                            | EC000228 - Power circuit-breaker for trafo/generator/installation prot.        |
| <b>ETIM 5:</b>                            | EC000228 - Power circuit-breaker for trafo/generator/installation prot.        |
| <b>ETIM 6:</b>                            | EC000228 - Power circuit-breaker for trafo/generator/installation prot.        |
| <b>Electrical Durability:</b>             | Ue =< 440 V 10000 cycle<br>Ue = 500 ... 690 V 8000 cycle<br>30 cycles per hour |
| <b>Environmental Information:</b>         | Not Available                                                                  |
| <b>Instructions and Manuals:</b>          | 1SDH001000R0002<br>1SDH001316R0002                                             |
| <b>Invoice Description:</b>               | E2.2N 2000 Ekip Touch LSI 3p F HR                                              |
| <b>Mechanical Durability:</b>             | 25000 cycle<br>60 cycles per hour                                              |
| <b>Minimum Order Quantity:</b>            | 1 piece                                                                        |
| <b>Number of Poles:</b>                   | 3                                                                              |
| <b>Object Classification Code:</b>        | Q                                                                              |
| <b>Package Level 1 EAN:</b>               | 8015644748852                                                                  |
| <b>Package Level 1 Gross Weight:</b>      | 46 kg                                                                          |
| <b>Package Level 1 Height:</b>            | 610 mm                                                                         |
| <b>Package Level 1 Length:</b>            | 515 mm                                                                         |
| <b>Package Level 1 Units:</b>             | 1 piece                                                                        |
| <b>Package Level 1 Width:</b>             | 515 mm                                                                         |
| <b>Power Loss:</b>                        | 212 W                                                                          |
| <b>Product Main Type:</b>                 | SACE Emax 2                                                                    |
| <b>Product Name:</b>                      | Air Circuit Breaker                                                            |
| <b>Product Net Depth:</b>                 | 270 mm                                                                         |
| <b>Product Net Height:</b>                | 371 mm                                                                         |
| <b>Product Net Weight:</b>                | 45 kg                                                                          |
| <b>Product Net Width:</b>                 | 276 mm                                                                         |
| <b>Product Type:</b>                      | Air Circuit Breaker                                                            |
| <b>Rated Current (I<sub>n</sub>):</b>     | 2000 A                                                                         |

|                                                                                                          |                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>                                           | acc. to IEC 60947-2 12 kV                                                                                                                                                        |
| <b>Rated Insulation Voltage (<math>U_i</math>):</b>                                                      | AC 1000 V                                                                                                                                                                        |
| <b>Rated Operational Voltage:</b>                                                                        | 690 V AC                                                                                                                                                                         |
| <b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>                              | (220 V AC) 66 kA<br>(230 V AC) 66 kA<br>(380 V AC) 66 kA<br>(400 V AC) 66 kA<br>(415 V AC) 66 kA<br>(440 V AC) 66 kA<br>(500 V AC) 66 kA<br>(660 V AC) 66 kA<br>(690 V AC) 66 kA |
| <b>Rated Service Short-Circuit Breaking Capacity, in % of <math>I_{cu}</math> (<math>I_{cs}</math>):</b> | 100 %                                                                                                                                                                            |
| <b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>                                        | (220 V AC) 145 kA<br>(230 V AC) 145 kA<br>(380 V AC) 145 kA<br>(415 V AC) 145 kA<br>(440 V AC) 145 kA<br>(500 V AC) 145 kA<br>(690 V AC) 145 kA                                  |
| <b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>                                         | for 1 s 66 kA<br>for 3 s 50 kA                                                                                                                                                   |
| <b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>                             | (400 V AC) 66 kA<br>(415 V AC) 66 kA<br>(440 V AC) 66 kA<br>(500 V AC) 66 kA<br>(525 V AC) 66 kA<br>(690 V AC) 66 kA                                                             |
| <b>Rated Uninterrupted Current (<math>I_u</math>):</b>                                                   | 2000 A                                                                                                                                                                           |
| <b>Rated Voltage (<math>U_r</math>):</b>                                                                 | 690 V                                                                                                                                                                            |
| <b>Release:</b>                                                                                          | Ekip Touch LSI                                                                                                                                                                   |
| <b>Release Type:</b>                                                                                     | EL                                                                                                                                                                               |
| <b>Selectivity Category:</b>                                                                             | B                                                                                                                                                                                |
| <b>Selling Unit of Measure:</b>                                                                          | piece                                                                                                                                                                            |
| <b>Short Description:</b>                                                                                | E2.2N 2000 Ekip Touch LSI 3p F HR                                                                                                                                                |
| <b>Short-Circuit Performance Level:</b>                                                                  | N                                                                                                                                                                                |
| <b>Size:</b>                                                                                             | E2.2N                                                                                                                                                                            |
| <b>Standards:</b>                                                                                        | IEC                                                                                                                                                                              |
| <b>Sub-type:</b>                                                                                         | E2.2                                                                                                                                                                             |
| <b>Terminal Connection Type:</b>                                                                         | Rear flat Horizontal                                                                                                                                                             |
| <b>Version:</b>                                                                                          | F                                                                                                                                                                                |



