

## PRODUCT-DETAILS

# E2.2H 1600 Ekip Hi-Touch LSIG 4p F HR

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## General Information

|                       |                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2H 1600 Ekip Hi-Touch LSIG 4p F HR                                                                                                                                                                         |
| Product ID            | 1SDA071649R1                                                                                                                                                                                                  |
| EAN                   | 8015644754990                                                                                                                                                                                                 |
| Catalog Description   | E2.2H 1600 Ekip Hi-Touch LSIG 4p F HR                                                                                                                                                                         |
| Long Description      | C.BREAKER SACE EMAX2 E2.2H 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644754990 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 366 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 53 kg  |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 515 mm        |
| Package Level 1 Height         | 610 mm        |
| Package Level 1 Depth / Length | 615 mm        |
| Package Level 1 Gross Weight   | 58 kg         |
| Package Level 1 EAN            | 8015644754990 |

## Environmental

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|------------------------------------------------------------------------|

## Additional Information

|                                                                        |                                                                                                                                                                                        |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Type                                                           | AC                                                                                                                                                                                     |
| Electrical Durability                                                  | Ue = < 440 V 12000 cycle<br>Ue = 500 ... 690 V 10000 cycle<br>30 cycles per hour                                                                                                       |
| Mechanical Durability                                                  | 25000 cycle<br>60 cycles per hour                                                                                                                                                      |
| Neutral Pole Current ([% I <sub>n</sub> ])                             | 100 %                                                                                                                                                                                  |
| Number of Poles                                                        | 4                                                                                                                                                                                      |
| Power Loss                                                             | 136 W                                                                                                                                                                                  |
| Product Main Type                                                      | SACE Emax 2                                                                                                                                                                            |
| Product Name                                                           | Air Circuit Breaker                                                                                                                                                                    |
| Product Type                                                           | Air Circuit Breaker                                                                                                                                                                    |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cs</sub> | 100 %                                                                                                                                                                                  |
| Rated Current (I <sub>n</sub> )                                        | 1600 A                                                                                                                                                                                 |
| Rated Voltage (U <sub>r</sub> )                                        | 690 V                                                                                                                                                                                  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                    | acc. to IEC 60947-2 12 kV                                                                                                                                                              |
| Rated Insulation Voltage (U <sub>i</sub> )                             | AC 1000 V                                                                                                                                                                              |
| Rated Operational Voltage                                              | 690 V AC                                                                                                                                                                               |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )       | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 kA |
| Rated Short-time Withstand Current (I <sub>cw</sub> )                  | for 1 s 85 kA<br>for 3 s 66 kA                                                                                                                                                         |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )      | (400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(525 V AC) 85 kA<br>(690 V AC) 85 kA                                                                |
| Rated Uninterrupted Current (I <sub>u</sub> )                          | 1600 A                                                                                                                                                                                 |
| Release                                                                | Ekip Hi-Touch LSiG                                                                                                                                                                     |
| Release Type                                                           | EL                                                                                                                                                                                     |
| Short-Circuit                                                          | H                                                                                                                                                                                      |

## Performance Level

|                          |                      |
|--------------------------|----------------------|
| Standards                | IEC                  |
| Sub-type                 | E2.2                 |
| Terminal Connection Type | Rear flat Horizontal |
| Version                  | F                    |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5902 |
| Environmental Information         | Not Available   |
| Instructions and Manuals          | 1SDH001000R0002 |
| Instructions and Manuals (Part 2) | 1SDH001316R1002 |

## Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q                                                                            |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |

## Categories

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

