



 IsoSafe

**KEM 316 M2**

**3x16A 400V 7.5kW**

|                |                  |
|----------------|------------------|
| PRODUCT NUMBER | 44033            |
| GTIN           | 6419410440339    |
| TECHNICAL NAME | 3x16A 400V 7.5kW |
| ETIM CLASS     | EC000216         |

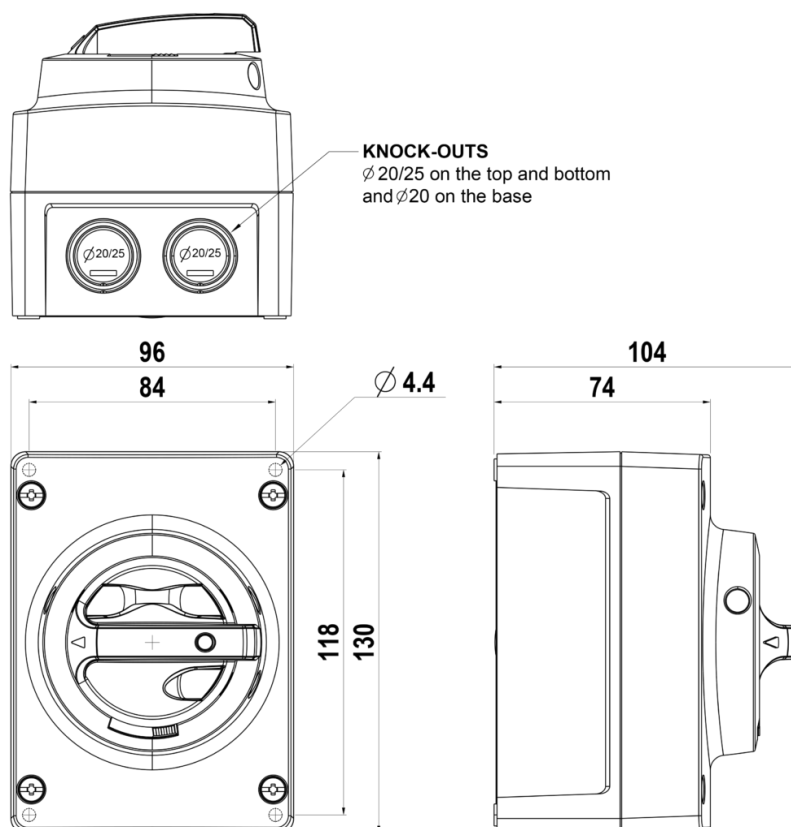
## MEASUREMENTS

|            |           |
|------------|-----------|
| HEIGHT     | 130 mm    |
| WIDTH      | 96 mm     |
| DEPTH      | 104 mm    |
| VOLUME     | 1.2979 l  |
| NET WEIGHT | 0.4318 kg |

## LOGISTICAL DATA

|                |           |
|----------------|-----------|
| SALES UNIT     | 1         |
| PACKAGE SIZE 1 | 1         |
| PACKAGE SIZE 1 | 104 mm    |
| DEPTH          |           |
| PACKAGE SIZE 1 | 130 mm    |
| HEIGHT         |           |
| PACKAGE SIZE 1 | 96 mm     |
| WIDTH          |           |
| PACKAGE SIZE 1 | 0.4318 kg |
| WEIGHT         |           |
| PACKAGE SIZE 1 | 1.2979 l  |
| VOLUME         |           |

## DIMENSIONAL DRAWING



## TECHNICAL DATA

|                                                                                        |                       |
|----------------------------------------------------------------------------------------|-----------------------|
| NUMBER OF POLES                                                                        | 3                     |
| ENCLOSURE                                                                              | M2 (96 x 130 x 74 mm) |
| ENCLOSURE TYPE                                                                         | Polycarbonate         |
| EMC                                                                                    | No                    |
| ATEX                                                                                   | No                    |
| IP RATING                                                                              | IP66                  |
| RATED OPERATIONAL CURRENT<br>AC-23A 415 V, IE (A)                                      | 16                    |
| RATED OPERATIONAL CURRENT<br>AC-23A 690 V, IE (A)                                      | 16                    |
| RATED OPERATIONAL POWER, 3-<br>PHASE 1500 RPM SQUIRREL-CAGE<br>MOTOR AC-23A 690 V (KW) | 11                    |
| RATED INSULATION VOLTAGE, UI<br>(V)                                                    | 800                   |
| SWITCH TYPE DESCRIPTION                                                                | Isolating switch      |
| NOMINAL VALUES WITH CABLE<br>SIZE (MM <sup>2</sup> )                                   | 4                     |
| RATED THERMAL CURRENT, ITH<br>(A)                                                      | 25                    |
| RATED THERMAL CURRENT<br>(ENCLOSED), ITHE (A)                                          | 25                    |
| RATED OPERATIONAL CURRENT<br>AC-21A 415 V, IE (A)                                      | 25                    |
| RATED OPERATIONAL CURRENT<br>AC-21A 500 V, IE (A)                                      | 25                    |
| RATED OPERATIONAL CURRENT<br>AC-21A 690 V, IE (A)                                      | 25                    |
| RATED OPERATIONAL CURRENT<br>AC-22A 415 V, IE (A)                                      | 16                    |
| RATED OPERATIONAL CURRENT<br>AC-22A 500 V, IE (A)                                      | 16                    |
| RATED OPERATIONAL CURRENT<br>AC-22A 690 V, IE (A)                                      | 16                    |

|                                                                                        |                   |
|----------------------------------------------------------------------------------------|-------------------|
| RATED OPERATIONAL CURRENT<br>AC-23A 500 V, IE (A)                                      | 16                |
| RATED OPERATIONAL POWER, 3-<br>PHASE 1500 RPM SQUIRREL-CAGE<br>MOTOR AC-23A 415 V (KW) | 7.5               |
| RATED OPERATIONAL POWER, 3-<br>PHASE 1500 RPM SQUIRREL-CAGE<br>MOTOR AC-23A 500 V (KW) | 7.5               |
| RATED FUSED SHORT-CIRCUIT<br>CURRENT, BACK-UP FUSE OPTION<br>1 (A)                     | 25                |
| RATED FUSED SHORT-CIRCUIT<br>CURRENT, R.M.S. IQ OPTION 1<br>(KA)                       | 50                |
| RATED FUSED SHORT-CIRCUIT<br>CURRENT, PEAK VALUE (KA)                                  | 3.8               |
| RATED IMPULSE WITHSTAND<br>VOLTAGE, UIMP (KV)                                          | 8                 |
| RATED SHORT-CIRCUIT MAKING<br>CAPACITY, ICM 690 V (KA)                                 | 1                 |
| RATED SHORT-TIME WITHSTAND<br>CURRENT 1 S, ICW 690 V (KA)                              | 0.7               |
| RATED BREAKING CAPACITY, AC-<br>23A 415 V (A)                                          | 128               |
| RATED BREAKING CAPACITY, AC-<br>23A 500 V (A)                                          | 128               |
| RATED BREAKING CAPACITY, AC-<br>23A 690 V (A)                                          | 128               |
| ELECTRICAL ENDURANCE (NUMBER<br>OF OPERATIONS)                                         | 3000              |
| MECHANICAL ENDURANCE (NUMBER<br>OF OPERATIONS)                                         | 50000             |
| TERMINAL / BOLT SIZE CU<br>(MM <sup>2</sup> )                                          | 1,5..16           |
| MAXIMUM TERMINAL TORQUE (NM)                                                           | 1.8               |
| SWITCH TYPE                                                                            | Load Break Switch |