



 IsoSafe

**- KEM 416UL M2**

**4x16A 400V 7.5kW**

PRODUCT NUMBER

35171

GTIN

6419410351710

ETIM CLASS

EC000216

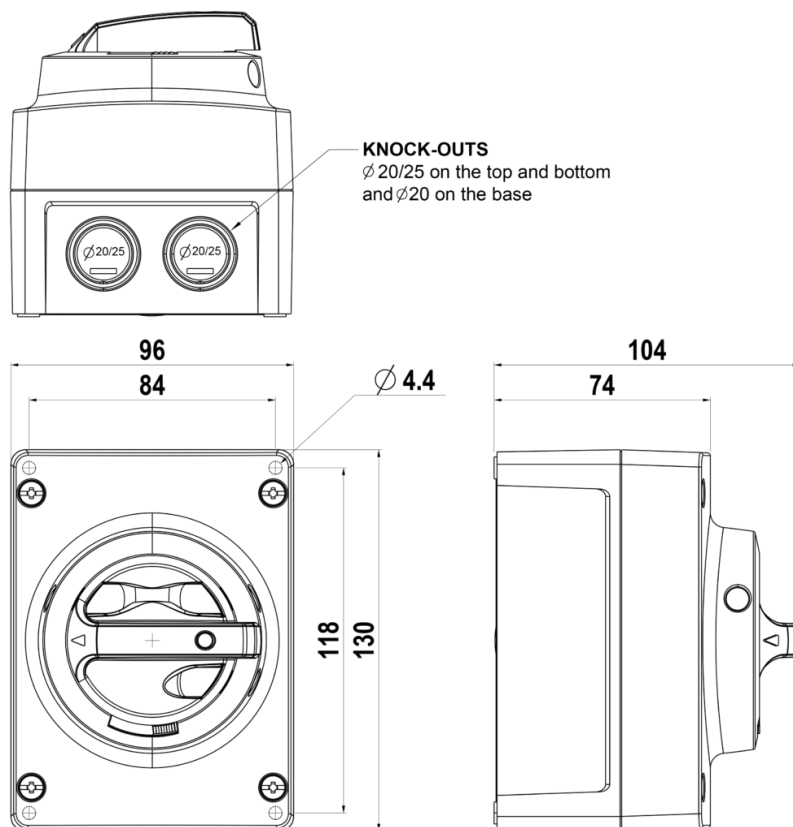
## MEASUREMENTS

|            |          |
|------------|----------|
| HEIGHT     | 130 mm   |
| WIDTH      | 96 mm    |
| DEPTH      | 104 mm   |
| VOLUME     | 1.2979 l |
| NET WEIGHT | 0.517 kg |

## LOGISTICAL DATA

|                       |          |
|-----------------------|----------|
| PACKAGE SIZE 1 DEPTH  | 104 mm   |
| PACKAGE SIZE 1 HEIGHT | 130 mm   |
| PACKAGE SIZE 1 WIDTH  | 96 mm    |
| PACKAGE SIZE 1 WEIGHT | 0.517 kg |
| PACKAGE SIZE 1 VOLUME | 1.2979 l |

## DIMENSIONAL DRAWING



## TECHNICAL DATA

|                                                                                        |                         |
|----------------------------------------------------------------------------------------|-------------------------|
| NUMBER OF POLES                                                                        | 4                       |
| ENCLOSURE                                                                              | M2 (96 x 130 x 74 mm)   |
| ENCLOSURE TYPE                                                                         | Polycarbonate           |
| UL                                                                                     | UL 60947-4-1A           |
| 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                     |
| AMPERE RATING (600V)                                                                   | 16                      |
| HP 208V                                                                                | 3                       |
| HP 415V                                                                                | 3                       |
| HP 480V                                                                                | 10                      |
| HP 600V                                                                                | 7.5                     |
| SWITCH TYPE DESCRIPTION                                                                | Manual motor controller |
| WIRE SIZE (CU ONLY)                                                                    | 14-8AWG                 |
| 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)                     | 40   |
| RATED FUSED SHORT-CIRCUIT<br>CURRENT, R.M.S. IQ OPTION 1<br>(KA)                       | 50   |
| RATED FUSED SHORT-CIRCUIT<br>CURRENT, PEAK VALUE (KA)                                  | 6.1  |
| RATED IMPULSE WITHSTAND<br>VOLTAGE, UIMP (KV)                                          | 8    |
| RATED SHORT-CIRCUIT MAKING<br>CAPACITY, ICM 690 V (KA)                                 | 2.5  |
| RATED SHORT-TIME WITHSTAND<br>CURRENT 1 S, ICW 690 V (KA)                              | 1.7  |
| 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 OF OPERATIONS) | 50000             |
| TERMINAL / BOLT SIZE CU (MM <sup>2</sup> )  | 1,5..16           |
| MAXIMUM TERMINAL TORQUE (NM)                | 1.8               |
| SWITCH TYPE                                 | Load Break Switch |