


IsoSafe

# KEM 3125 M4

## 3x125A 400V 55kW

| | |
|---|---|
| PRODUCT NUMBER | 48172 |
| GTIN | 6419410481721 |
| E-NUMBER FI | 3610323 |
| ETIM CLASS | EC000216 |

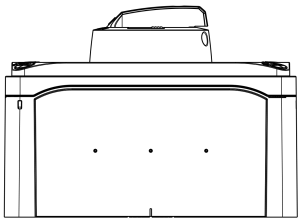
## MEASUREMENTS

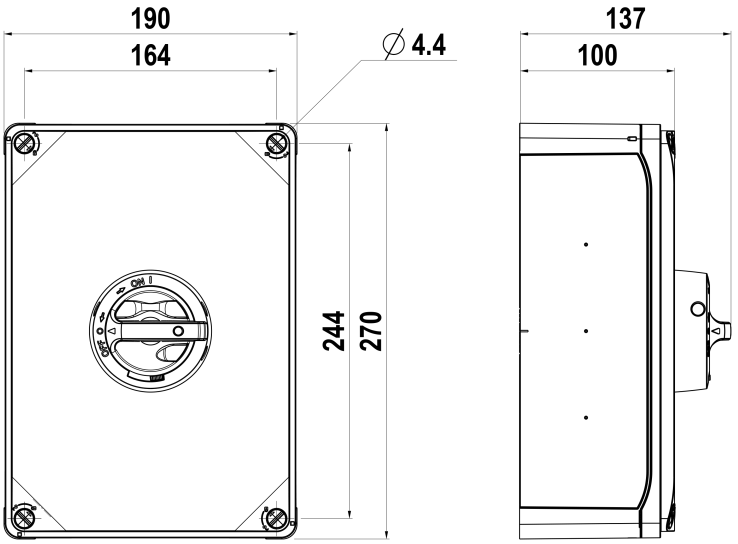
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|---|---|
| HEIGHT | 270 mm |
| WIDTH | 190 mm |
| DEPTH | 100 mm |
| VOLUME | 5.13 l |
| NET WEIGHT | 1.7312 kg |

## LOGISTICAL DATA

| | |
|---|---|
| SALES UNIT | 1 |
| PACKAGE SIZE 1 | 1 |
| PACKAGE SIZE 1 DEPTH | 100 mm |
| PACKAGE SIZE 1 HEIGHT | 270 mm |
| PACKAGE SIZE 1 WIDTH | 190 mm |
| PACKAGE SIZE 1 WEIGHT | 1.7312 kg |
| PACKAGE SIZE 1 VOLUME | 5.13 l |

## DIMENSIONAL DRAWING






*We continuously improve our products; specifications, features and appearances may change without prior notice.*

KATKO IsoSafe

## TECHNICAL DATA

| | |
|---|---|
| NUMBER OF POLES | 3 |
| ENCLOSURE | M4 (190 x 270 x 100 mm) |
| ENCLOSURE TYPE | Polycarbonate |
| EMC | No |
| ATEX | No |
| IP RATING | IP66 |
| NEMA | 4X |
| RATED OPERATIONAL CURRENT AC-23A 415 V, IE (A) | 125 |
| RATED OPERATIONAL CURRENT AC-23A 690 V, IE (A) | 80 |
| RATED OPERATIONAL POWER, 3-PHASE 1500 RPM SQUIRREL-CAGE MOTOR AC-23A 690 V (KW) | 75 |
| RATED INSULATION VOLTAGE, UI (V) | 800 |
| SWITCH TYPE DESCRIPTION | Isolating switch |
| NOMINAL VALUES WITH CABLE SIZE ($MM^2$) | 70 |
| RATED THERMAL CURRENT, ITH (A) | 160 |
| RATED THERMAL CURRENT (ENCLOSED), ITHE (A) | 160 |
| RATED OPERATIONAL CURRENT AC-21A 415 V, IE (A) | 160 |
| RATED OPERATIONAL CURRENT AC-21A 500 V, IE (A) | 160 |
| RATED OPERATIONAL CURRENT AC-21A 690 V, IE (A) | 160 |
| RATED OPERATIONAL CURRENT AC-22A 415 V, IE (A) | 125 |
| RATED OPERATIONAL CURRENT AC-22A 500 V, IE (A) | 125 |

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| | |
|---|---|
| RATED OPERATIONAL CURRENT AC-22A 690 V, IE (A) | 125 |
| RATED OPERATIONAL CURRENT AC-23A 500 V, IE (A) | 80 |
| RATED OPERATIONAL POWER, 3-PHASE 1500 RPM SQUIRREL-CAGE MOTOR AC-23A 415 V (KW) | 55 |
| RATED OPERATIONAL POWER, 3-PHASE 1500 RPM SQUIRREL-CAGE MOTOR AC-23A 500 V (KW) | 55 |
| RATED FUSED SHORT-CIRCUIT CURRENT, BACK-UP FUSE OPTION 1 (A) | 160 |
| RATED FUSED SHORT-CIRCUIT CURRENT, R.M.S. IQ OPTION 1 (KA) | 65 |
| RATED FUSED SHORT-CIRCUIT CURRENT, PEAK VALUE (KA) | 15 |
| RATED IMPULSE WITHSTAND VOLTAGE, UIMP (KV) | 8 |
| RATED SHORT-CIRCUIT MAKING CAPACITY, ICM 690 V (KA) | 8 |
| RATED SHORT-TIME WITHSTAND CURRENT 1 S, ICW 690 V (KA) | 5 |
| RATED BREAKING CAPACITY, AC-23A 415 V (A) | 1000 |
| RATED BREAKING CAPACITY, AC-23A 500 V (A) | 640 |
| RATED BREAKING CAPACITY, AC-23A 690 V (A) | 640 |
| ELECTRICAL ENDURANCE (NUMBER OF OPERATIONS) | 2000 |
| MECHANICAL ENDURANCE (NUMBER OF OPERATIONS) | 16000 |
| TERMINAL / BOLT SIZE CU ($MM^2$) | 6..70 |
| MAXIMUM TERMINAL TORQUE (NM) | 6 |
| SWITCH TYPE | Load Break Switch |

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