

ABS ENCLOSURES

27709

KEM 310 M2ABS, ABS Enclosure, 3-Pole, 10A

- 10-630A switch ratings
- Other switch configurations available
- Recommended for indoor installation only
- Tested to IEC 60947-3



PRODUCT DESCRIPTION

Switch Disconnectors housed in high-quality ABS enclosures.
 All ABS enclosures are IP65 rated at a minimum for robust protection against dust and water.
 Available in both black/grey and yellow/red.

These enclosures are made from recyclable ABS plastic which provides excellent insulating properties and good resistance against many chemicals.

Tested to IEC 60947-3.

Note! Al-cables cannot be connected directly to switch terminals. For Al-cable connection please use a bi-metal cable connector.

TECHNICAL DATA

GENERAL DATA

| | |
|---------------------------------|--------------|
| Number of poles | 3 |
| Rated insulation voltage U_i | 800 V |
| Rated thermal current, I_{th} | 20 A |
| Enclosure dimensions | 130x96x106mm |
| Terminals / Bolt size Cu | 1.5-16 |
| Nominal values with cable size | 2.5 |
| Weight | 0.4 kg |

RATED OPERATIONAL CURRENT, I_E

| | |
|---|------|
| Operational current - AC-21A - 400/415V | 20 A |
| Operational current - AC-21A - 500V | 20 A |

| | |
|---|------|
| Operational current - AC-21A - 690V | 20 A |
| Operational current - AC-22A - 400/415V | 10 A |
| Operational current - AC-22A - 500V | 10 A |
| Operational current - AC-22A - 690V | 10 A |
| Operational current - AC-23A - 400/415V | 10 A |
| Operational current - AC-23A - 500V | 10 A |
| Operational current - AC-23A - 690V | 10 A |

RATED OPERATIONAL POWER FOR 3-PHASE (1500 R.P.M.) SQUIRREL CAGE INDUCTION MOTORS (KW)

| | |
|---------------------------------------|--------|
| Operational power - AC-23A - 400/415V | 5.5 kW |
| Operational power - AC-23A - 500V | 5.5 kW |
| Operational power - AC-23A - 690V | 7.5 kW |

RATED FUSED SHORT CIRCUIT CURRENT

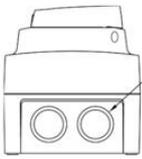
| | |
|---|--------|
| Back-up fuse | 63 A |
| 6339_R.M.S value, IK (kA) | 50 |
| Peak value | 7.2 kA |
| Rated impulse withstand voltage Uimp | 8 kV |
| 5530_Rated short circuit making capacity at 690V, Icm (kA) | 2.5 |
| 5809_Rated short time withstand current at 690V (1 s), Icw (kA) | 1.7 |

RATED BREAKING CAPACITY, ICN

| | |
|---------------------------------------|------|
| Breaking capacity - AC-23A - 400/415V | 80 A |
| Breaking capacity - AC-23A - 500V | 80 A |
| Breaking capacity - AC-23A - 690V | 80 A |

ADDITIONAL DETAILS

| | |
|-------------------------------|------------------|
| Electrical endurance | 3000 operations |
| Mechanical endurance | 50000 operations |
| 4950_Max terminal torque (Nm) | 1.8 |
| Tariff code | 85365080 |
| Country of origin | FI |
| Switch colour | Black/grey |



KNOCK-OUTS
Ø20/25 on the top and bottom
and Ø20 on the base

