

ABS ENCLOSURES

48100

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

TECHNICAL DATA

GENERAL DATA

Weight	0,4 kg
Rated thermal current, I _{th}	20 A
Nominal values with cable size	2.5
Number of poles	3
Rated insulation voltage U _i	800 V
Enclosure dimensions	130x96x106mm
Terminals / Bolt size Cu	1.5-16

RATED OPERATIONAL CURRENT, I_E

Operational current - AC-21A - 500V	20 A
Operational current - AC-23A - 500V	10 A

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

Peak value	7,2 kA
Back-up fuse	63 A
Rated short circuit making capacity at 690V, Icm	2.5 kA
Rated short time withstand current at 690V (1 s), Icw	1.7 kA
R.M.S value, IK	50 kA
Rated impulse withstand voltage Uimp	8 kV

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

Country of origin	FI
Tariff code	85365080
Max terminal torque	1.8 Nm
Electrical endurance	3000 operations
Mechanical endurance	50000 operations
Switch colour	Black/grey



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

