

POLYCARBONATE ENCLOSURES

32510

KEM 4400 MF03, Polycarbonate Enclosure, 4-Pole,
400A

- 10-630A switch ratings
- Other switch configurations available on request
- Wide operating temperature
- Tested to IEC 60947-3



PRODUCT DESCRIPTION

Switch Disconnectors housed in high-quality polycarbonate enclosures.

All polycarbonate enclosures are IP66 rated at a minimum for robust protection against dust and water.

Available in both black/grey and yellow/red.

These enclosures are self-extinguishing with a wide operating temperature range, as well as both UV and chemical resistant for long-lasting durability.

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	4
Rated insulation voltage Ui	1000 V
Rated thermal current, I _{th}	400 A
Enclosure dimensions	560x380x180mm
Terminals / Bolt size Cu	M10
Nominal values with cable size	240
Weight	8.8 kg

RATED OPERATIONAL CURRENT, IE

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

Operational current - AC-21A - 690V	400 A
Operational current - AC-22A - 400/415V	400 A
Operational current - AC-22A - 500V	400 A
Operational current - AC-22A - 690V	400 A
Operational current - AC-23A - 400/415V	400 A
Operational current - AC-23A - 500V	400 A
Operational current - AC-23A - 690V	400 A
Operational current - AC-23A - 1000V	200 A

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

Operational power - AC-23A - 400/415V	200 kW
Operational power - AC-23A - 500V	250 kW
Operational power - AC-23A - 690V	355 kW

RATED FUSED SHORT CIRCUIT CURRENT

Back-up fuse	400 A
R.M.S value, IK	100
Peak value	42 kA
Rated impulse withstand voltage Uimp	8 kV
Rated short circuit making capacity at 690V, Icm	27.5
Rated short time withstand current at 690V (1 s), Icw	13.5

RATED BREAKING CAPACITY, ICN

Breaking capacity - AC-23A - 400/415V	3200 A
Breaking capacity - AC-23A - 500V	3200 A
Breaking capacity - AC-23A - 690V	3200 A

ADDITIONAL DETAILS

Electrical endurance	2000 operations
Mechanical endurance	10000 operations
Max terminal torque	30-44
Tariff code	85365080
Country of origin	FI
Switch colour	Black/grey

