

ALUMINIUM ENCLOSURES

35808

KEA 4250 A6, Aluminium Enclosure, 4-Pole, 250A

- 16-250A switch ratings
- Other switch configurations available
- Excellent for hard weather conditions
- Tested to IEC 60947-3



PRODUCT DESCRIPTION

Switch Disconnectors housed in high-quality aluminium enclosures.

All aluminium enclosures are IP65 rated at a minimum for robust protection against dust and water.

Available in both black/grey and yellow/red.

A2/A4 enclosures are IK08 rated. (Degree of mechanical impact)

A5/A6 enclosures are IK10 rated.

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

Number of poles	4
Rated insulation voltage Ui	1000 V
Rated thermal current, Ith	315 A
Enclosure dimensions	522x400x170mm
Terminals / Bolt size Cu	M8
Nominal values with cable size	125
Weight	14.1 kg

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	250 A
Operational current - AC-21A - 500V	250 A

Operational current - AC-21A - 690V	250 A
Operational current - AC-22A - 400/415V	250 A
Operational current - AC-22A - 500V	250 A
Operational current - AC-22A - 690V	250 A
Operational current - AC-23A - 400/415V	250 A
Operational current - AC-23A - 500V	250 A
Operational current - AC-23A - 690V	250 A
Operational current - AC-23A - 1000V	135 A

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

Operational power - AC-23A - 400/415V	132 kW
Operational power - AC-23A - 500V	160 kW
Operational power - AC-23A - 690V	250 kW

RATED FUSED SHORT CIRCUIT CURRENT

Back-up fuse	250 A
R.M.S value, IK	100
Peak value	26 kA
Rated impulse withstand voltage Uimp	12 kV
Rated short circuit making capacity at 690V, Icm	14
Rated short time withstand current at 690V (1 s), Icw	8

RATED BREAKING CAPACITY, ICN

Breaking capacity - AC-23A - 400/415V	2000 A
Breaking capacity - AC-23A - 500V	2000 A
Breaking capacity - AC-23A - 690V	2000 A

ADDITIONAL DETAILS

Electrical endurance	2000 operations
Mechanical endurance	16000 operations
Max terminal torque	15-22
Tariff code	85365080
Country of origin	FI
Switch colour	Black/grey

