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ALUMINIUM ENCLOSURES

35809
KEA 4250 YR A6, Aluminium Enclosure, Yellow/Red, 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! 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, 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
6339_R.M.S value, IK (kA)	100
Peak value	26 kA
Rated impulse withstand voltage Uimp	12 kV
5530_Rated short circuit making capacity at 690V, Icm (kA)	14
5809_Rated short time withstand current at 690V (1 s), Icw (kA)	8

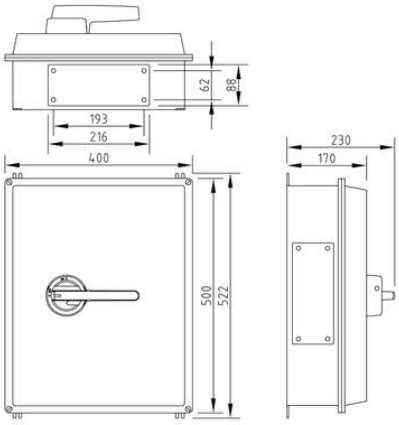
RATED BREAKING CAPACITY, ICN

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
4950_Max terminal torque (Nm)	15-22
Tariff code	85365080
Country of origin	FI

Switch colour	Red/yellow


62
88
193
216
400
500
522
230
170