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ALUMINIUM ENCLOSURES

44222
KEA 416 A2, Aluminium Enclosure, 4-Pole, 16A



- 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	800 V
Rated thermal current, Ith	25 A
Enclosure dimensions	159x104x80mm
Terminals / Bolt size Cu	1.5-16
Nominal values with cable size	4
Weight	0.9 kg

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	25 A
Operational current - AC-21A - 500V	25 A

Operational current - AC-21A - 690V	25 A
Operational current - AC-22A - 400/415V	16 A
Operational current - AC-22A - 500V	16 A
Operational current - AC-22A - 690V	16 A
Operational current - AC-23A - 400/415V	16 A
Operational current - AC-23A - 500V	16 A
Operational current - AC-23A - 690V	16 A

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

Operational power - AC-23A - 400/415V	7.5 kW
Operational power - AC-23A - 500V	7.5 kW
Operational power - AC-23A - 690V	11 kW

RATED FUSED SHORT CIRCUIT CURRENT

Back-up fuse	25 A
6339_R.M.S value, IK (kA)	50
Peak value	3.8 kA
Rated impulse withstand voltage Uimp	8 kV
5530_Rated short circuit making capacity at 690V, Icm (kA)	1
5809_Rated short time withstand current at 690V (1 s), Icw (kA)	0.7

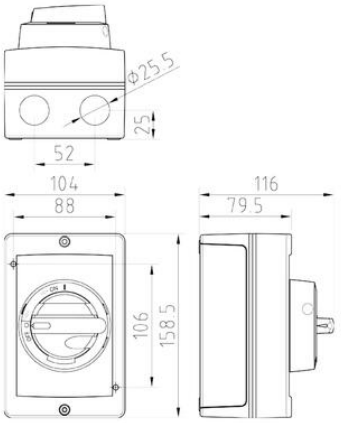
RATED BREAKING CAPACITY, ICN

Breaking capacity - AC-23A - 400/415V	128 A
Breaking capacity - AC-23A - 500V	128 A
Breaking capacity - AC-23A - 690V	128 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


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25
52
104
88
116
79.5
106
158.5