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100-160A SWITCH DISCONNECTORS

20367
KU 4100, Screw Mounted, 4-pole, 100A

- Din rail/screw mounting
- 3 and 4 pole as standard, other configurations on request
- Silver contacts ensures safe and durable operation
- Modular design



PRODUCT DESCRIPTION

Katko 100-160A switch disconnectors are din rail/screw mountable(KU) and are a modular design.
3-pole and 4-pole KU-switches as standard. Other configurations on request.
6-pole and 8-pole versions consist of two 3-pole or 4-pole KU-switches connected by a parallel kit.

Switch technology by means of silver contacts ensures safe and durable operation. Compatible with handles LK10 and LK11 (3 and 4 poles) and LK12 (6 and 8 poles) and LK12CO102 (change-over switch). Shafts L=100/200/300 AD11 and L=100/200/300 AD11/VT (3 and 4 poles), L=100/200/300 AD12/VT (6 and 8 poles and change-over switch).

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	125 A
Type	Screw-mounted
Terminals / Bolt size Cu	6-70
Nominal values with cable size	70
Weight	0.59 kg

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	125 A
Operational current - AC-21A - 500V	125 A

Operational current - AC-21A - 690V	125 A
Operational current - AC-22A - 400/415V	100 A
Operational current - AC-22A - 500V	100 A
Operational current - AC-22A - 690V	100 A
Operational current - AC-23A - 400/415V	100 A
Operational current - AC-23A - 500V	63 A
Operational current - AC-23A - 690V	63 A

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

Operational power - AC-23A - 400/415V	55 kW
Operational power - AC-23A - 500V	37 kW
Operational power - AC-23A - 690V	55 kW

RATED FUSED SHORT CIRCUIT CURRENT

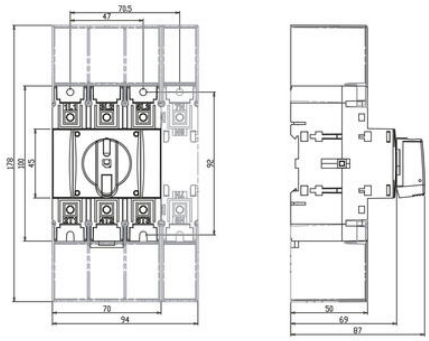
Back-up fuse	160 A
6339_R.M.S value, IK (kA)	65
Peak value	15 kA
Rated impulse withstand voltage Uimp	8 kV
5530_Rated short circuit making capacity at 690V, Icm (kA)	8
5809_Rated short time withstand current at 690V (1 s), Icw (kA)	5

RATED BREAKING CAPACITY, ICN

Breaking capacity - AC-23A - 400/415V	800 A
Breaking capacity - AC-23A - 500V	504 A
Breaking capacity - AC-23A - 690V	504 A

ADDITIONAL DETAILS

Electrical endurance	2000 operations
Mechanical endurance	16000 operations
4950_Max terminal torque (Nm)	6
Tariff code	85365080
Country of origin	FI


70.5
47
178
160
45
92
70
94
50
69
97