OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

63-125A SWITCH DISCONNECTORS

21600
KU 480N, Screw Mounted, 4-pole, 80A (N)

- Din rail/screw mounting
- 3 and 4 pole as standard, other configurations on request
- Silver contacts ensures safe and durable operation
- Tested to IEC 60947-3



PRODUCT DESCRIPTION

Katko 63-125A switch disconnectors are DIN-rail or screw mounted (KU).
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 (load break switches) and LK12 (change-over switches)
Shafts L=100/200/300 AD11 and L=100/200/300 AD11/VT (load break switches) and L=100/200/300 AD12/VT (change-over switches).

Tested according to IEC 60947-3
Available with CCC certificate, mention when ordering
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	100 A
Type	Screw-mounted
Terminals / Bolt size Cu	2.5-35
Nominal values with cable size	35
Weight	0.25 kg

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	100 A
Operational current - AC-21A - 500V	100 A

Operational current - AC-21A - 690V	100 A
Operational current - AC-22A - 400/415V	80 A
Operational current - AC-22A - 500V	80 A
Operational current - AC-22A - 690V	80 A
Operational current - AC-23A - 400/415V	63 A
Operational current - AC-23A - 500V	40 A
Operational current - AC-23A - 690V	40 A

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

Operational power - AC-23A - 400/415V	30 kW
Operational power - AC-23A - 500V	30 kW
Operational power - AC-23A - 690V	37 kW

RATED FUSED SHORT CIRCUIT CURRENT

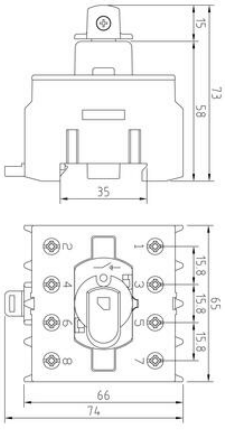
Back-up fuse	80 A
6339_R.M.S value, IK (kA)	50
Peak value	8.7 kA
Rated impulse withstand voltage Uimp	8 kV
5530_Rated short circuit making capacity at 690V, Icm (kA)	3.1
5809_Rated short time withstand current at 690V (1 s), Icw (kA)	2

RATED BREAKING CAPACITY, ICN

Breaking capacity - AC-23A - 400/415V	504 A
Breaking capacity - AC-23A - 500V	320 A
Breaking capacity - AC-23A - 690V	320 A

ADDITIONAL DETAILS

Electrical endurance	3000 operations
Mechanical endurance	50000 operations
4950_Max terminal torque (Nm)	2.5
Tariff code	85365080
Country of origin	FI


15
73
58
35
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15.8
15.8
15.8
65
66
74