

## 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, I <sub>th</sub>	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
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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
R.M.S value, IK	50
Peak value	8.7 kA
Rated impulse withstand voltage Uimp	8 kV
Rated short circuit making capacity at 690V, Icm	3.1
Rated short time withstand current at 690V (1 s), Icw	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
Max terminal torque	2.5
Tariff code	85365080
Country of origin	FI

