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

# 63-125A SWITCH DISCONNECTORS

21470
KU 380N, Screw Mounted, 3-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** | 3 |
| **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** | 0.2 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

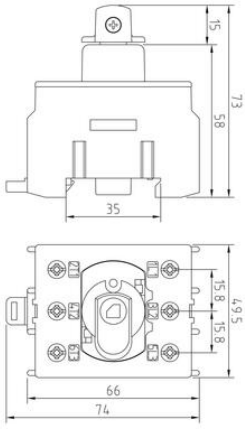
| | |
|---|---|
| **Back-up fuse** | 80 A |
| **6339_R.M.S value, IK (kA)** | 50 |
| **Peak value** | 8.7 kA |
| **Rated impulse withstand voltage Uimp** | 8 kV |
| **5530_Rated short circuit making capacity at 690V, Icm (kA)** | 3.1 |
| **5809_Rated short time withstand current at 690V (1 s), Icw (kA)** | 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
15.8
15.8
49.5
66
74