## 63-125A SWITCH DISCONNECTORS

21460
KU 363N, Screw Mounted, 3-pole, 63A (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, lth | 80 A |
| Type | Screw-mounted |
| Terminals / Bolt size Cu | $2.5-35$ |
| Nominal values with cable size | 25 |
| Weight | $0,2 \mathrm{~kg}$ |

RATED OPERATIONAL CURRENT, IE

| Operational current - AC-21A - 500V | 80 A |
| :---: | :---: |
| Operational current - AC-21A - 690V | 80 A |
| Operational current - AC-22A - 400/415V | 63 A |
| Operational current - AC-22A - 500V | 63 A |
| Operational current - AC-22A - 690V | 63 A |
| Operational current - AC-23A-400/415V | 40 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 | 22 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 kA |
| Peak value | $8,7 \mathrm{kA}$ |
| Rated impulse withstand voltage Uimp | 12 kV |
| Rated short circuit making capacity at $\mathbf{6 9 0 V}, \mathbf{I c m}$ | 3.1 kA |
| Rated short time withstand current at $\mathbf{6 9 0 V} \mathbf{( 1 ~ s )}$, <br> Icw | 2 kA |

RATED BREAKING CAPACITY, ICN

| Breaking capacity - AC-23A - 400/415V | 320 A |
| :--- | :--- |
| Breaking capacity - AC-23A $-\mathbf{5 0 0 V}$ | 320 A |
| Breaking capacity - AC-23A - 690V | 320 A |
| ADDITIONAL DETAILS |  |
| Electrical endurance | 3000 operations |
| Mechanical endurance | 50000 operations |
| Max terminal torque | 2.5 Nm |
| Tariff code | 85365080 |
| Country of origin | FI |



