**OEM Automatic Ltd**
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# 315-400A SWITCH DISCONNECTORS

30028
KU 3315 SV, Screw Mounted, 3-Pole, 315A



- Made of halogen-free thermoplastic with 100% recyclability
- Auxilliary contacts available
- Terminal covers and phase barriers available
- Icw 690V (1s) 13.5kA

### PRODUCT DESCRIPTION

Katko 315-400A switch disconnectors are a reliable switch for demanding industrial applications. They are made of halogen free thermoplastics which are 100% recyclable.

Available with a direct handle, or seperate LKX150 handle and LVK228 shaft.
Yellow/Red handles and shaft of different length available upon request.

Option for test position for testing auxiliary contacts while main contacts remain open. Note, only available on request.
Auxiliary contacts available (1.V160KU or 2.V160KU), up to 8 NC / 8 NO. Terminal covers (LS400H and LS400F) and phase barriers (VS400) available.
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** | 1000 V |
| **Rated thermal current, Ith** | 315 A |
| **Type** | Screw-mounted |
| **Terminals / Bolt size Cu** | M10 |
| **Nominal values with cable size** | 185 |
| **Weight** | 2.05 kg |

## RATED OPERATIONAL CURRENT, IE

| | |
|---|---|
| **Operational current - AC-21A - 400/415V** | 315 A |
| **Operational current - AC-21A - 500V** | 315 A |

| | |
|---|---|
| **Operational current - AC-21A - 690V** | 315 A |
| **Operational current - AC-22A - 400/415V** | 315 A |
| **Operational current - AC-22A - 500V** | 315 A |
| **Operational current - AC-22A - 690V** | 315 A |
| **Operational current - AC-23A - 400/415V** | 315 A |
| **Operational current - AC-23A - 500V** | 315 A |
| **Operational current - AC-23A - 690V** | 315 A |

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

| | |
|---|---|
| **Operational power - AC-23A - 400/415V** | 160 kW |
| **Operational power - AC-23A - 500V** | 200 kW |
| **Operational power - AC-23A - 690V** | 315 kW |

## RATED FUSED SHORT CIRCUIT CURRENT

| | |
|---|---|
| **Back-up fuse** | 400 A |
| **6339_R.M.S value, IK (kA)** | 100 |
| **Peak value** | 42 kA |
| **Rated impulse withstand voltage Uimp** | 12 kV |
| **5530_Rated short circuit making capacity at 690V, Icm (kA)** | 27.5 |
| **5809_Rated short time withstand current at 690V (1 s), Icw (kA)** | 13.5 |

## RATED BREAKING CAPACITY, ICN

| | |
|---|---|
| **Breaking capacity - AC-23A - 400/415V** | 2520 A |
| **Breaking capacity - AC-23A - 500V** | 2520 A |
| **Breaking capacity - AC-23A - 690V** | 2520 A |

## ADDITIONAL DETAILS

| | |
|---|---|
| **Electrical endurance** | 2000 operations |
| **Mechanical endurance** | 10000 operations |
| **4950_Max terminal torque (Nm)** | 40-44 |
| **Tariff code** | 85365080 |
| **Country of origin** | FI |

