

## 630-800A SWITCH DISCONNECTORS

48363

KU 3800 LVK228LKX150, Screw Mounted, 3-Pole,  
800A with separate shaft+handle

- Made of halogen free thermoplastics with 100% recyclability
- Auxilliary contacts available
- Terminal covers and phase barriers available
- Icw 690V (1s) 28kA



### PRODUCT DESCRIPTION

Katko 630-800A 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 auxilliary 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 and phase barriers (VS800) 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     | 800 A         |
| Type                           | Screw-mounted |
| Terminals / Bolt size Cu       | M12           |
| Nominal values with cable size | 2x240         |
| Weight                         | 4.55 kg       |

### RATED OPERATIONAL CURRENT, IE

|   |       |
|---|-------|
| Operational current - AC-21A - 400/415V | 800 A |
| Operational current - AC-21A - 500V     | 800 A |

|   |       |
|---|-------|
| Operational current - AC-21A - 690V     | 800 A |
| Operational current - AC-22A - 400/415V | 800 A |
| Operational current - AC-22A - 500V     | 800 A |
| Operational current - AC-22A - 690V     | 800 A |
| Operational current - AC-23A - 400/415V | 800 A |
| Operational current - AC-23A - 500V     | 800 A |
| Operational current - AC-23A - 690V     | 800 A |
| Operational current - AC-23A - 1000V    | 400 A |

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

|                                       |        |
|---------------------------------------|--------|
| Operational power - AC-23A - 400/415V | 400 kW |
| Operational power - AC-23A - 500V     | 560 kW |
| Operational power - AC-23A - 690V     | 800 kW |

## RATED FUSED SHORT CIRCUIT CURRENT

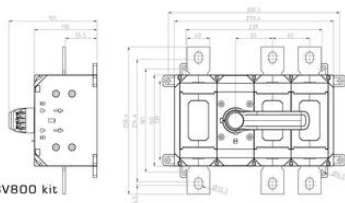
|   |       |
|---|-------|
| Back-up fuse  | 800 A |
| R.M.S value, IK                                       | 100   |
| Peak value  | 76 kA |
| Rated impulse withstand voltage Uimp                  | 12 kV |
| Rated short circuit making capacity at 690V, Icm      | 60    |
| Rated short time withstand current at 690V (1 s), Icw | 28    |

## RATED BREAKING CAPACITY, ICN

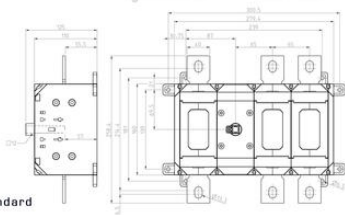
|                                       |        |
|---------------------------------------|--------|
| Breaking capacity - AC-23A - 400/415V | 6400 A |
| Breaking capacity - AC-23A - 500V     | 6400 A |
| Breaking capacity - AC-23A - 690V     | 6400 A |

## ADDITIONAL DETAILS

|                      |                  |
|----------------------|------------------|
| Electrical endurance | 2000 operations  |
| Mechanical endurance | 10000 operations |
| Max terminal torque  | 50-75            |
| Tariff code          | 85365080         |
| Country of origin    | FI               |



With SV800 kit



Standard