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630-800A SWITCH DISCONNECTORS

48401
KU 4630 SV, Screw Mounted, 4-Pole, 630A



- 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 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 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	4
Rated insulation voltage Ui	1000 V
Rated thermal current, Ith	630 A
Type	Screw-mounted
Terminals / Bolt size Cu	M12
Nominal values with cable size	2x185
Weight	5.65 kg

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	630 A
Operational current - AC-21A - 500V	630 A

Operational current - AC-21A - 690V	630 A
Operational current - AC-22A - 400/415V	630 A
Operational current - AC-22A - 500V	630 A
Operational current - AC-22A - 690V	630 A
Operational current - AC-23A - 400/415V	630 A
Operational current - AC-23A - 500V	630 A
Operational current - AC-23A - 690V	630 A

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

Operational power - AC-23A - 400/415V	355 kW
Operational power - AC-23A - 500V	400 kW
Operational power - AC-23A - 690V	630 kW

RATED FUSED SHORT CIRCUIT CURRENT

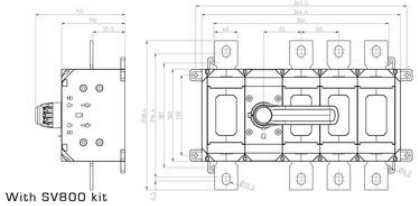
Back-up fuse	630 A
6339_R.M.S value, IK (kA)	100
Peak value	76 kA
Rated impulse withstand voltage Uimp	12 kV
5530_Rated short circuit making capacity at 690V, Icm (kA)	60
5809_Rated short time withstand current at 690V (1 s), Icw (kA)	28

RATED BREAKING CAPACITY, ICN

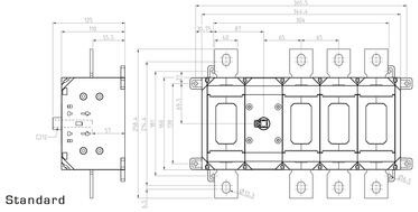
Breaking capacity - AC-23A - 400/415V	5040 A
Breaking capacity - AC-23A - 500V	5040 A
Breaking capacity - AC-23A - 690V	5040 A

ADDITIONAL DETAILS

Electrical endurance	2000 operations
Mechanical endurance	10000 operations
4950_Max terminal torque (Nm)	50-75
Tariff code	85365080
Country of origin	FI



With SV800 kit



Standard