

## PAINTED STEEL ENCLOSURES

33796-KATKO  
 KET 4400 T6, Sheet Steel Enclosure, 4-Pole, 400A

- 16-1600A switch ratings
- Other switch configurations available
- Excellent insulating properties
- Tested to IEC 60947-3



### PRODUCT DESCRIPTION

Switch Disconnectors housed in high-quality sheet steel enclosures.  
 All sheet steel enclosures are IP66 rated at a minimum for robust protection against dust and water.  
 Available in both black/grey and yellow/red.

Tested to IEC 60947-3.

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	400 A
Enclosure dimensions	600x400x200mm
Terminals / Bolt size Cu	M10
Nominal values with cable size	240
Weight	20 kg

#### RATED OPERATIONAL CURRENT, IE

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

Operational current - AC-21A - 690V	400 A
Operational current - AC-22A - 400/415V	400 A
Operational current - AC-22A - 500V	400 A
Operational current - AC-22A - 690V	400 A
Operational current - AC-23A - 400/415V	400 A
Operational current - AC-23A - 500V	400 A
Operational current - AC-23A - 690V	400 A
Operational current - AC-23A - 1000V	200 A

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

Operational power - AC-23A - 400/415V	200 kW
Operational power - AC-23A - 500V	250 kW
Operational power - AC-23A - 690V	355 kW

#### **RATED FUSED SHORT CIRCUIT CURRENT**

Back-up fuse	400 A
R.M.S value, IK	100
Peak value	42 kA
Rated impulse withstand voltage Uimp	8 kV
Rated short circuit making capacity at 690V, Icm	27.5
Rated short time withstand current at 690V (1 s), Icw	13.5

#### **RATED BREAKING CAPACITY, ICN**

Breaking capacity - AC-23A - 400/415V	3200 A
Breaking capacity - AC-23A - 500V	3200 A
Breaking capacity - AC-23A - 690V	3200 A

#### **ADDITIONAL DETAILS**

Electrical endurance	2000 operations
Mechanical endurance	10000 operations
Max terminal torque	30-44
Tariff code	85365080
Country of origin	FI
Switch colour	Black/grey

