

PAINTED STEEL ENCLOSURES

33834

KET 4630 T7, Sheet Steel Enclosure, 4-Pole, 630A

- 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 | 630 A |
| Enclosure dimensions | 800x600x250mm |
| Terminals / Bolt size Cu | M12 |
| Nominal values with cable size | 2x185 |
| Weight | 40 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 |
| R.M.S value, IK | 100 |
| Peak value | 76 kA |
| Rated impulse withstand voltage Uimp | 8 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 | 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 |
| Max terminal torque | 50-75 |
| Tariff code | 85365080 |
| Country of origin | FI |
| Switch colour | Black/grey |

