

PAINTED STEEL ENCLOSURES

44369

KET 316 T3, Sheet Steel Enclosure, 3-Pole, 16A

- 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 | 3 |
| Rated insulation voltage U_i | 800 V |
| Rated thermal current, I_{th} | 25 A |
| Enclosure dimensions | 200x150x120mm |
| Terminals / Bolt size Cu | 1.5-16 |
| Nominal values with cable size | 4 |
| Weight | 2,1 kg |

RATED OPERATIONAL CURRENT, I_E

| | |
|---|------|
| Operational current - AC-21A - 400/415V | 25 A |
| Operational current - AC-21A - 500V | 25 A |

| | |
|---|------|
| Operational current - AC-21A - 690V | 25 A |
| Operational current - AC-22A - 400/415V | 16 A |
| Operational current - AC-22A - 500V | 16 A |
| Operational current - AC-22A - 690V | 16 A |
| Operational current - AC-23A - 400/415V | 16 A |
| Operational current - AC-23A - 500V | 16 A |
| Operational current - AC-23A - 690V | 16 A |

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

| | |
|---------------------------------------|--------|
| Operational power - AC-23A - 400/415V | 7,5 kW |
| Operational power - AC-23A - 500V | 7,5 kW |
| Operational power - AC-23A - 690V | 11 kW |

RATED FUSED SHORT CIRCUIT CURRENT

| | |
|---|--------|
| Back-up fuse | 25 A |
| R.M.S value, I _K | 50 kA |
| Peak value | 3,8 kA |
| Rated impulse withstand voltage U _{imp} | 8 kV |
| Rated short circuit making capacity at 690V, I _{cm} | 1 kA |
| Rated short time withstand current at 690V (1 s), I _{cw} | 0.7 kA |

RATED BREAKING CAPACITY, I_{cn}

| | |
|---------------------------------------|-------|
| Breaking capacity - AC-23A - 400/415V | 128 A |
| Breaking capacity - AC-23A - 500V | 128 A |
| Breaking capacity - AC-23A - 690V | 128 A |

ADDITIONAL DETAILS

| | |
|----------------------|------------------|
| Electrical endurance | 3000 operations |
| Mechanical endurance | 50000 operations |
| Max terminal torque | 1.8 Nm |
| Tariff code | 85365080 |
| Country of origin | FI |
| Switch colour | Black/grey |

