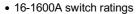
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

#### STAINLESS STEEL ENCLOSURES

34392

KER 4400 R6, Stainless Steel Enclosure, 4-Pole, 400A



- Other switch configurations available
- Hygienic and corrosion resistant
- Tested to IEC 60947-3





#### PRODUCT DESCRIPTION

Switch Disconnectors housed in high-quality stainless steel enclosures.

All stainless steel enclosures are IP66 rated at a minimum for robust protection against dust and water.

Available in both black/grey and yellow/red.

Stainless steel is ideal for applications where hygiene and good protection against corrosion are important.

These enclosures are also available with EMC and EMC/EX protection upon request.

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                         | 16 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, lcm      | 27.5  |
| Rated short time withstand current at 690V (1 s), lcw | 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       |

