

## STAINLESS STEEL ENCLOSURES

34374

KER 4200 R6, Stainless Steel Enclosure, 4-Pole, 200A

- 16-1600A switch ratings
- 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! AI-cables cannot be connected directly to switch terminals. For AI-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     | 250 A         |
| Enclosure dimensions           | 600x400x200mm |
| Terminals / Bolt size Cu       | M10           |
| Nominal values with cable size | 95            |
| Weight                         | 16 kg         |

### RATED OPERATIONAL CURRENT, IE

|   |       |
|---|-------|
| Operational current - AC-21A - 400/415V | 200 A |
| Operational current - AC-21A - 500V     | 200 A |

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

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

|                                       |        |
|---------------------------------------|--------|
| Operational power - AC-23A - 400/415V | 110 kW |
| Operational power - AC-23A - 500V     | 132 kW |
| Operational power - AC-23A - 690V     | 160 kW |

## RATED FUSED SHORT CIRCUIT CURRENT

|   |       |
|---|-------|
| Back-up fuse  | 250 A |
| R.M.S value, IK                                       | 100   |
| Peak value  | 26 kA |
| Rated impulse withstand voltage Uimp                  | 8 kV  |
| Rated short circuit making capacity at 690V, Icm      | 14    |
| Rated short time withstand current at 690V (1 s), Icw | 8     |

## RATED BREAKING CAPACITY, ICN

|                                       |        |
|---------------------------------------|--------|
| Breaking capacity - AC-23A - 400/415V | 1600 A |
| Breaking capacity - AC-23A - 500V     | 1600 A |
| Breaking capacity - AC-23A - 690V     | 1600 A |

## ADDITIONAL DETAILS

|                      |                  |
|----------------------|------------------|
| Electrical endurance | 2000 operations  |
| Mechanical endurance | 16000 operations |
| Max terminal torque  | 15-22            |
| Tariff code          | 85365080         |
| Country of origin    | FI               |
| Switch colour        | Black/grey       |

