

## STAINLESS STEEL ENCLOSURES

27604  
 KER 425 RA2, Stainless Steel Enclosure, 4-Pole, 25A

- 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! 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    | 800 V        |
| Rated thermal current, Ith     | 40 A         |
| Enclosure dimensions           | 160x120x77mm |
| Terminals / Bolt size Cu       | 1.5-16       |
| Nominal values with cable size | 10           |
| Weight                         | 1.3 kg       |

#### RATED OPERATIONAL CURRENT, IE

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

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

|                                       |       |
|---------------------------------------|-------|
| Operational power - AC-23A - 400/415V | 11 kW |
| Operational power - AC-23A - 500V     | 15 kW |
| Operational power - AC-23A - 690V     | 22 kW |

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

|   |        |
|---|--------|
| Back-up fuse  | 25 A   |
| R.M.S value, IK                                       | 50     |
| Peak value  | 3.8 kA |
| Rated impulse withstand voltage Uimp                  | 8 kV   |
| Rated short circuit making capacity at 690V, Icm      | 1      |
| Rated short time withstand current at 690V (1 s), Icw | 0.7    |

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

|                                       |       |
|---------------------------------------|-------|
| Breaking capacity - AC-23A - 400/415V | 200 A |
| Breaking capacity - AC-23A - 500V     | 200 A |
| Breaking capacity - AC-23A - 690V     | 200 A |

#### **ADDITIONAL DETAILS**

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

