

## STAINLESS STEEL ENCLOSURES

44285

KER 316 RA2, Stainless Steel Enclosure, 3-Pole, 16A

- 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	3
Rated insulation voltage Ui	800 V
Rated thermal current, I <sub>th</sub>	25 A
Enclosure dimensions	160x120x77mm
Terminals / Bolt size Cu	1.5-16
Nominal values with cable size	4
Weight	1,2 kg

### RATED OPERATIONAL CURRENT, I<sub>E</sub>

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 <sub>K</sub>	50 kA
Peak value	3,8 kA
Rated impulse withstand voltage U <sub>imp</sub>	8 kV
Rated short circuit making capacity at 690V, I <sub>cm</sub>	1 kA
Rated short time withstand current at 690V (1 s), I <sub>cw</sub>	0.7 kA

### **RATED BREAKING CAPACITY, I<sub>cn</sub>**

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

