

## FIRE-RATED SWITCH DISCONNECTORS

30536  
 KEA 440 FR A2, Aluminium Box, 4P, 40A

- Conform to F200 (FR) or F300 (FR3) smoke and heat standard under EN12101-3
- IP65/66
- Tested according to IEC 60947-3



### PRODUCT DESCRIPTION

Fire Rated Isolators from Katko are designed to conform to F200 (FR) or F300 (FR3) class of EN 12101-3 smoke and heat standard at 200°C for 3 hours. The enclosures are available in aluminium or stainless steel and are IP65/66 rated for protection against water and dust. Handles are padlockable with a defeat mechanism.

### TECHNICAL DATA

#### GENERAL DATA

Rated insulation voltage Ui	800 V
Rated thermal current, $I_{th}$	63 A
Terminals / Bolt size Cu	1.5-16

#### RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	63 A
Operational current - AC-21A - 500V	63 A
Operational current - AC-21A - 690V	63 A
Operational current - AC-22A - 400/415V	40 A
Operational current - AC-22A - 500V	40 A
Operational current - AC-22A - 690V	40 A
Operational current - AC-23A - 400/415V	40 A
Operational current - AC-23A - 500V	32 A

<b>Operational current - AC-23A - 690V</b>	32 A
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## **RATED FUSED SHORT CIRCUIT CURRENT**

<b>R.M.S value, IK</b>	50
<b>Rated impulse withstand voltage <math>U_{imp}</math></b>	8 kV
<b>Rated short circuit making capacity at 690V, <math>I_{cm}</math></b>	2.5
<b>Rated short time withstand current at 690V (1 s), <math>I_{cw}</math></b>	1.7

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

<b>Breaking capacity - AC-23A - 400/415V</b>	320 A
<b>Breaking capacity - AC-23A - 500V</b>	256 A
<b>Breaking capacity - AC-23A - 690V</b>	256 A

## **ADDITIONAL DETAILS**

<b>Electrical endurance</b>	3000
<b>Mechanical endurance</b>	50000
<b>Max terminal torque</b>	1.8