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# FIRE-RATED SWITCH DISCONNECTORS

33349
KEA 463 FR3 A4, Aluminium Box, 4P, 63A



- 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, Ith** | 80 A |
| **Terminals / Bolt size Cu** | 2.5-35 |

## RATED OPERATIONAL CURRENT, IE

| | |
|---|---|
| **Operational current - AC-21A - 400/415V** | 80 A |
| **Operational current - AC-21A - 500V** | 80 A |
| **Operational current - AC-21A - 690V** | 80 A |
| **Operational current - AC-22A - 400/415V** | 63 A |
| **Operational current - AC-22A - 500V** | 63 A |
| **Operational current - AC-22A - 690V** | 63 A |
| **Operational current - AC-23A - 400/415V** | 40 A |
| **Operational current - AC-23A - 500V** | 40 A |
| **Operational current - AC-23A - 690V** | 40 A |

## RATED FUSED SHORT CIRCUIT CURRENT

| | |
|---|---|
| **6339_R.M.S value, IK (kA)** | 50 |
| **Rated impulse withstand voltage Uimp** | 8 kV |
| **5530_Rated short circuit making capacity at 690V, Icm (kA)** | 3.1 |
| **5809_Rated short time withstand current at 690V (1 s), Icw (kA)** | 2.0 |

## RATED BREAKING CAPACITY, ICN

| | |
|---|---|
| **Breaking capacity - AC-23A - 400/415V** | 320 A |
| **Breaking capacity - AC-23A - 500V** | 320 A |
| **Breaking capacity - AC-23A - 690V** | 320 A |

## ADDITIONAL DETAILS

| | |
|---|---|
| **Electrical endurance** | 3000 |
| **Mechanical endurance** | 50000 |
| **4950_Max terminal torque (Nm)** | 2.5 |