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FIRE-RATED SWITCH DISCONNECTORS

33358
KEA 4160 FR3 A5, Aluminium Box, 4P, 160A



- 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	200 A
Terminals / Bolt size Cu	6-70

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	160 A
Operational current - AC-21A - 500V	160 A
Operational current - AC-21A - 690V	160 A
Operational current - AC-22A - 400/415V	160 A
Operational current - AC-22A - 500V	160 A
Operational current - AC-22A - 690V	160 A
Operational current - AC-23A - 400/415V	160 A
Operational current - AC-23A - 500V	100 A
Operational current - AC-23A - 690V	100 A

RATED FUSED SHORT CIRCUIT CURRENT

6339_R.M.S value, IK (kA)	65
Rated impulse withstand voltage Uimp	8 kV
5530_Rated short circuit making capacity at 690V, Icm (kA)	8
5809_Rated short time withstand current at 690V (1 s), Icw (kA)	5

RATED BREAKING CAPACITY, ICN

Breaking capacity - AC-23A - 400/415V	1280 A
Breaking capacity - AC-23A - 500V	800 A
Breaking capacity - AC-23A - 690V	800 A

ADDITIONAL DETAILS

Electrical endurance	2000
Mechanical endurance	16000
4950_Max terminal torque (Nm)	6