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FIRE-RATED SWITCH DISCONNECTORS

30538
KEA 480 FR A4, Aluminium Box, 4P, 80A

- 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	100 A
Terminals / Bolt size Cu	2.5-35

RATED OPERATIONAL CURRENT, IE

Operational current - AC-21A - 400/415V	100 A
Operational current - AC-21A - 500V	100 A
Operational current - AC-21A - 690V	100 A
Operational current - AC-22A - 400/415V	80 A
Operational current - AC-22A - 500V	80 A
Operational current - AC-22A - 690V	80 A
Operational current - AC-23A - 400/415V	63 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	504 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