

FIRE-RATED SWITCH DISCONNECTORS

33357

KEA 4125 FR3 A5, Aluminium Box, 4P, 125A

- 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 U_i	800 V
Rated thermal current, I_{th}	160 A
Terminals / Bolt size C_u	6-70

RATED OPERATIONAL CURRENT, I_E

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	125 A
Operational current - AC-22A - 500V	125 A
Operational current - AC-22A - 690V	125 A
Operational current - AC-23A - 400/415V	125 A
Operational current - AC-23A - 500V	80 A

Operational current - AC-23A - 690V	80 A
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RATED FUSED SHORT CIRCUIT CURRENT

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

Breaking capacity - AC-23A - 400/415V	1000 A
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Breaking capacity - AC-23A - 500V	640 A
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Breaking capacity - AC-23A - 690V	640 A
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ADDITIONAL DETAILS

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