ATEX Enclosed Safety Switches / Isolators 16–160 A



II 2D Ex tb IIIC T65°C Db

II 3D Ex tc IIIC T65°C Dc

KATKO IsoSafe ATEX isolators are developed for safe and reliable isolation in hazardous areas with explosive atmospheres. Designed to meet strict ATEX requirements, they combine dependable operation with easy installation. Ideal for demanding industrial environments, including Zone 21 (aluminium enclosures) and Zone 22 (stainless steel enclosures) applications.

- Conforming to Directive 2014/34/EU, EN 60079-0 (2012), EN 60079-31 (2014)
- Aluminium enclosures (A2 & A4) are suitable for use in Zone 21 (Category 2D)
- Stainless Steel enclosures (RA2, RA4 & RA5) are suitable for use in Zone 22 (Category 3D)
- Aluminium: II 2D Ex tb IIIC T65°C Db
- Stainless Steel: II 3D Ex tc IIIC T65°C Dc
- Temperature range from -20 °C to +40°C
- Frontal impact test of 7 J
- Door interlock with defeat mechanism
- Padlockable handle
- Tested according to IEC 60947-3
- Separate ATEX-enclosures upon request
- Available in yellow/red upon request
- Available EX EMC
- ATEX cable glands included (For example, 2XM25PEX = 2 x M25 plastic EX cable glands;4XM25MEX = 4 x M25 metal EX cable glands)

ENCLOSURE TYPE	WIDTH mm	HEIGHT mm	DEPTH mm	MATERIAL	IP RATING
RA2EX	120	160	77	STAINLESS STEEL, AISI 316L	66
RA4EX	160	260	90	STAINLESS STEEL, AISI 316L	66
RA5EX	300	420	120	STAINLESS STEEL, AISI 316L	66
A2EX	104	158	79	ALUMINIUM	66
A4EX	162	262	108	ALUMINIUM	66

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KATKO IsoSafe

ATEX Enclosed Safety Switches / Isolators 16–160 A

TYPE	AC-21A	400 V 415 V 690 V	AC-22A	400 V 415 V 690 V	AC-23A	400 V 415 V	AC-23A	690 V	EAN CODE	ENCLOSURE	WEIGHT KG
	Ie / A		Ie / A		Ie / A	P / kW	Ie / A	P / kW			
ALUMINIUM ENCLOSURES											
3 POLES											
KEA 316 A2EX 2XM25PEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410305508	A2EX	1.3
KEA 325 A2EX 2XM25PEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410305515	A2EX	1.3
KEA 340 A2EX 2XM25PEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410305522	A2EX	1.3
KEA 363 A4EX 2XM40PEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410305560	A4EX	2.8
KEA 380 A4EX 2XM40PEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410305577	A4EX	2.8
KEA 3100 A4EX 2XM40PEX KST16MEX	125 A		100 A		100 A	55 KW	63 A	55 KW	6419410315422	A4EX	3.0
KEA 3125 A4EX 2XM40PEX KST16MEX	160 A		125 A		125 A	55 KW	80 A	75 KW	6419410305584	A4EX	3.0
KEA 3160 A4EX 2XM40PEX KST16MEX	160 A		160 A		160 A	90 KW	100 A	90 KW	6419410305591	A4EX	3.0
4 POLES											
KEA 416 A2EX 2XM25PEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410305539	A2EX	1.3
KEA 425 A2EX 2XM25PEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410305546	A2EX	1.3
KEA 440 A2EX 2XM25PEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410305553	A2EX	1.3
KEA 463 A4EX 2XM40PEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410305607	A4EX	2.8
KEA 480 A4EX 2XM40PEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410305614	A4EX	2.8
KEA 4100 A4EX 2XM40PEX KST16MEX	125 A		100 A		100 A	55 KW	63 A	55 KW	6419410315439	A4EX	3.0
KEA 4125 A4EX 2XM40PEX KST16MEX	160 A		125 A		125 A	55 KW	80 A	75 KW	6419410305621	A4EX	3.0
KEA 4160 A4EX 2XM40PEX KST16MEX	160 A		160 A		160 A	90 KW	100 A	90 KW	6419410305638	A4EX	3.0
6 POLES											
KEA 616 A4EX 4XM25PEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410306208	A4EX	2.8
KEA 625 A4EX 4XM25PEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410306215	A4EX	2.8
KEA 640 A4EX 4XM40PEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410306222	A4EX	2.9
KEA 663 A4EX 4XM40PEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410306239	A4EX	2.9
KEA 680 A4EX 4XM40PEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410306246	A4EX	2.9
8 POLES											
KEA 816 A4EX 4XM25PEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410306253	A4EX	3.1
KEA 825 A4EX 4XM25PEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410306260	A4EX	3.1
KEA 840 A4EX 4XM40PEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410306277	A4EX	3.2
KEA 863 A4EX 4XM40PEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410306284	A4EX	3.1
KEA 880 A4EX 4XM40PEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410306291	A4EX	3.1
STAINLESS STEEL ENCLOSURES											
3 POLES											
KER 316 RA2EX 2XM25MEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410309797	RA2EX	0.9
KER 325 RA2EX 2XM25MEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410309803	RA2EX	0.9
KER 340 RA2EX 2XM25MEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410309810	RA2EX	0.9
KER 363 RA4EX 2XM32MEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410309858	RA4EX	2.7
KER 380 RA4EX 2XM32MEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410309865	RA4EX	2.7
KER 3100 RA5EX 2XM40MEX KST16MEX	125 A		100 A		100 A	55 KW	63 A	55 KW	6419410315446	RA5EX	7.3
KER 3125 RA5EX 2XM40MEX KST16MEX	160 A		125 A		125 A	55 KW	80 A	75 KW	6419410309872	RA5EX	7.4
KER 3160 RA5EX 2XM40MEX KST16MEX	160 A		160 A		160 A	90 KW	100 A	90 KW	6419410309889	RA5EX	7.4
4 POLES											
KER 416 RA2EX 2XM25MEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410309827	RA2EX	0.9
KER 425 RA2EX 2XM25MEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410309834	RA2EX	0.9
KER 440 RA2EX 2XM25MEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410309841	RA2EX	0.9
KER 463 RA4EX 2XM32MEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410309896	RA4EX	2.7
KER 480 RA4EX 2XM32MEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410309902	RA4EX	2.7
KER 4100 RA5EX 2XM40MEX KST16MEX	125 A		100 A		100 A	55 KW	63 A	55 KW	6419410315453	RA5EX	7.3
KER 4125 RA5EX 2XM40MEX KST16MEX	160 A		125 A		125 A	55 KW	80 A	75 KW	6419410305768	RA5EX	7.3
KER 4160 RA5EX 2XM40MEX KST16MEX	160 A		160 A		160 A	90 KW	100 A	90 KW	6419410305775	RA5EX	7.3
6 POLES											
KER 616 RA4EX 4XM25MEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410306406	RA4EX	2.7
KER 625 RA4EX 4XM25MEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410306413	RA4EX	2.7
KER 640 RA4EX 4XM25MEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410306420	RA4EX	2.7
KER 663 RA4EX 4XM32MEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410306437	RA4EX	2.7
KER 680 RA4EX 4XM32MEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410306444	RA4EX	2.7
KER 6100 RA5EX 4XM40MEX KST16MEX	125 A		100 A		100 A	55 KW	63 A	55 KW	6419410315460	RA5EX	7.5
KER 6125 RA5EX 4XM40MEX KST16MEX	160 A		125 A		125 A	55 KW	80 A	75 KW	6419410306505	RA5EX	7.6
KER 6160 RA5EX 4XM40MEX KST16MEX	160 A		160 A		160 A	90 KW	100 A	90 KW	6419410306512	RA5EX	7.6
8 POLES											
KER 816 RA4EX 4XM25MEX KST16MEX	25 A		16 A		16 A	7.5 KW	16 A	11 KW	6419410306451	RA4EX	3.0
KER 825 RA4EX 4XM25MEX KST16MEX	40 A		25 A		25 A	11 KW	25 A	22 KW	6419410306468	RA4EX	3.0
KER 840 RA4EX 4XM25MEX KST16MEX	40 A		40 A		40 A	22 KW	25 A	22 KW	6419410306475	RA4EX	3.0
KER 863 RA4EX 4XM32MEX KST16MEX	80 A		63 A		40 A	22 KW	40 A	37 KW	6419410306482	RA4EX	3.0
KER 880 RA4EX 4XM32MEX KST16MEX	100 A		80 A		63 A	30 KW	40 A	37 KW	6419410306499	RA4EX	3.0
KER 8100 RA5EX 4XM40MEX KST16MEX	125 A		100 A		100 A	55 KW	63 A	55 KW	6419410315477	RA5EX	7.8
KER 8125 RA5EX 4XM40MEX KST16MEX	160 A		125 A		125 A	55 KW	80 A	75 KW	6419410306529	RA5EX	7.9
KER 8160 RA5EX 4XM40MEX KST16MEX	160 A		160 A		160 A	90 KW	100 A	90 KW	6419410306536	RA5EX	7.9

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IECEx Enclosed Safety Switches / Isolators 16–160 A



II 2D Ex tb IIIC T65°C Db

KATKO IsoSafe IECEx safety isolators provide safe and reliable isolation in dust hazardous environments (Zone 21). Designed for areas where explosive dust–air mixtures may occur, they combine robust aluminium enclosures with IP66 protection for long-lasting performance. Ideal for industrial applications where dust protection and safety are critical.

- Suitable for dust hazardous areas: Zone 21 (Category 2D)
- II 2D Ex tb IIIC T65°C Db
- Robust and long-lasting aluminium enclosures with corrosion and impact resistance
- IP66 protection for harsh and dusty environments
- Built for long-lasting reliability in the most demanding applications
- Operating temperature: -20 °C to +40 °C
- Frontal impact test of 7 J
- High-quality industrial-grade handle with safe interlocking functions with defeat mechanism
- Padlockable handle
- Consists of suitable steel cable glands
- Wide range of auxiliary contact options available (NO, 1NO, 1NC, 1OC, 1V, 2V, 2OC, 2NC, 2NO)
- Available also in 4-, 6-, and 8-pole versions
- Certificate No.:IECEx EESF 25.0012X

ENCLOSURE TYPE	WIDTH mm	HEIGHT mm	DEPTH mm	MATERIAL	IP RATING
A2EX	104	158	79	ALUMINIUM	66
A4EX	162	262	108	ALUMINIUM	66

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IECEx Enclosed Safety Switches / Isolators 16–160 A

TYPE	AC-21A	400 V 415 V 690 V	AC-22A	400 V 415 V 690 V	AC-23A	400 V 415 V	AC-23A	690 V	EAN CODE	ENCLOSURE	WEIGHT KG
	Ie / A		Ie / A		Ie / A	P / kW	Ie / A	P / kW			
3 POLES											
KEA 316 A2EX IECEX 2XM25MEX KST16MEXKST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410373552	A2EX	0.9
KEA 316NO A2EX IECEX 2XM25MEX M16MEXKST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410373569	A2EX	1.1
KEA 316NO 1NC A2EX IECEX 2XM25MEX M16MEXM16MEXKST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410373576	A2EX	1.1
KEA 325 A2EX IECEX 2XM25MEX KST16MEXKST16MEX	40 A		25 A		25 A	11 kW	25 A	22 kW	6419410373583	A2EX	0.9
KEA 325NO A2EX IECEX 2XM25MEX M16MEXKST16MEX	40 A		25 A		25 A	11 kW	25 A	22 kW	6419410373590	A2EX	1.1
KEA 325NO 1NC A2EX IECEX 2XM25MEX M16MEXM16MEXKST16MEX	40 A		25 A		25 A	11 kW	25 A	22 kW	6419410373613	A2EX	1.1
KEA 340 A2EX IECEX 2XM25MEX KST16MEXKST16MEX	40 A		40 A		40 A	22 kW	25 A	22 kW	6419410373620	A2EX	0.9
KEA 340NO A2EX IECEX 2XM25MEX M16MEXKST16MEX	40 A		40 A		40 A	22 kW	25 A	22 kW	6419410373637	A2EX	1.1
KEA 340NO 1NC A2EX IECEX 2XM25MEX M16MEXM16MEX	40 A		40 A		40 A	22 kW	25 A	22 kW	6419410373644	A2EX	1.1
KEA 363 A4EX IECEX 2XM40MEX M16MEX	80 A		63 A		40 A	22 kW	40 A	37 kW	6419410373651	A4EX	2.3
KEA 363 1V A4EX IECEX 2XM40MEX M16MEX	80 A		63 A		40 A	22 kW	40 A	37 kW	6419410373668	A4EX	2.5
KEA 380 A4EX IECEX 2XM40MEX KST16MEX	100 A		80 A		63 A	30 kW	40 A	37 kW	6419410373675	A4EX	2.3
KEA 380 1V A4EX IECEX 2XM40MEX M16MEX	100 A		80 A		63 A	30 kW	40 A	37 kW	6419410373682	A4EX	2.5
KEA 3100 A4EX IECEX 2XM40MEX KST16MEX	125 A		100 A		100 A	55 kW	63 A	55 kW	6419410373699	A4EX	3.8
KEA 3100 1V A4EX IECEX 2XM40MEX M16MEX	125 A		100 A		100 A	55 kW	63 A	55 kW	6419410373712	A4EX	4.0
KEA 3125 A4EX IECEX 2XM40MEX KST16MEX	160 A		125 A		125 A	55 kW	80 A	75 kW	6419410373729	A4EX	3.8
KEA 3125 1V A4EX IECEX 2XM40MEX M16MEX	160 A		125 A		125 A	55 kW	80 A	75 kW	6419410373736	A4EX	4.0
KEA 3160 A4EX IECEX 2XM40MEX KST16MEX	160 A		160 A		160 A	90 kW	100 A	90 kW	6419410373743	A4EX	3.8
KEA 3160 1V A4EX IECEX 2XM40MEX M16MEX	160 A		160 A		160 A	90 kW	100 A	90 kW	6419410373750	A4EX	4.0
4 POLES											
KEA 416 A2EX IECEX 2XM25MEX KST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410376034	A2EX	0.9
KEA 425 A2EX IECEX 2XM25MEX KST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410376041	A2EX	0.9
KEA 440 A2EX IECEX 2XM25MEX KST16MEX	40 A		25 A		25 A	11 kW	25 A	22 kW	6419410376058	A2EX	0.9
KEA 463 A4EX IECEX 2XM40MEX KST16MEX	80 A		63 A		40 A	22 kW	40 A	37 kW	6419410376065	A4EX	2.3
KEA 480 A4EX IECEX 2XM40MEX KST16MEX	100 A		80 A		63 A	30 kW	40 A	37 kW	6419410376072	A4EX	2.3
KEA 4100 A4EX IECEX 2XM40MEX KST16MEX	125 A		100 A		100 A	55 kW	63 A	55 kW	6419410376089	A4EX	3.8
KEA 4125 A4EX IECEX 2XM40MEX KST16MEX	160 A		125 A		125 A	55 kW	80 A	75 kW	6419410376096	A4EX	3.8
KEA 4160 A4EX IECEX 2XM40MEX KST16MEX	160 A		160 A		160 A	90 kW	100 A	90 kW	6419410376119	A4EX	3.8
6 POLES											
KEA 616 A4EX IECEX 4XM25MEX KST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410376126	A4EX	2.3
KEA 625 A4EX IECEX 4XM25MEX KST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410376140	A4EX	2.3
KEA 640 A4EX IECEX 4XM25MEX KST16MEX	40 A		25 A		25 A	11 kW	25 A	22 kW	6419410376157	A4EX	2.3
KEA 663 A4EX IECEX 4XM40MEX KST16MEX	80 A		63 A		40 A	22 kW	40 A	37 kW	6419410376164	A4EX	2.3
KEA 680 A4EX IECEX 4XM40MEX KST16MEX	100 A		80 A		63 A	30 kW	40 A	37 kW	6419410376171	A4EX	2.3
8 POLES											
KEA 816 A4EX IECEX 4XM25MEX KST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410376201	A4EX	2.3
KEA 825 A4EX IECEX 4XM25MEX KST16MEX	25 A		16 A		16 A	7.5 kW	16 A	11 kW	6419410376218	A4EX	2.3
KEA 840 A4EX IECEX 4XM25MEX KST16MEX	40 A		25 A		25 A	11 kW	25 A	22 kW	6419410376232	A4EX	2.3
KEA 863 A4EX IECEX 4XM40MEX KST16MEX	80 A		63 A		40 A	22 kW	40 A	37 kW	6419410376249	A4EX	2.3
KEA 880 A4EX IECEX 4XM40MEX KST16MEX	100 A		80 A		63 A	30 kW	40 A	37 kW	6419410376256	A4EX	2.3

Certificate No.:IECEx EESF 25.0012X

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