

Enclosed Isolators



IsoSafe Safety Switches for demanding industrial applications and everyday use

KATKO's IsoSafe Safety Switches offer one of the world's most comprehensive ranges of safety switches. A versatile selection of enclosure materials makes them suitable for demanding industrial environments, harsh weather conditions, as well as standard buildings. Designed and manufactured in Finland, these products are built on over 80 years of experience, with every solution developed to ensure practical functionality and ease of installation.

IsoSafe is more than a single product; it is a complete solution. We offer ready-to-install packages, a wide range of accessories, and flexible customization options tailored to your needs, all supported by expert technical assistance. All products meet the highest industry quality and safety standards, and the range includes a comprehensive selection of UL- and cUL-listed safety switches for the North American market.

Polycarbonate Enclosed Safety Switches / Isolators | KEM 10-630 A

- IP66: M2, M3, M4, M5, MF10, MF02, MF03, MF04
- Self-extinguishing material
- Wide operating temperature range
- Padlockable handle
- Door interlock with defeat mechanism
- Excellent insulating properties
- Good resistance against UV and many chemicals
- Available in 1-, 2-, 3-, 4-, 6-, and 8-pole versions
- Available in an EMC version
- Black handle and grey cover (also available in yellow and red)
- 1 NO and 1 NC auxiliary contacts, as well as rain covers, are also available as accessories
- Tested in accordance with IEC 60947-3 standard



ABS Enclosed Safety Switches / Isolators | KEM 10-40 A

- IP65: M2, M3, M4
- Suitable for indoor installation
- Padlockable handle
- Door interlock with defeat mechanism
- Excellent insulating properties
- Good resistance against many chemicals
- Available in 1-, 2-, 3-, and 4-pole versions
- Available in an EMC version
- 1 NO and 1 NC auxiliary contacts, as well as rain covers, are also available as accessories
- Black handle and grey cover (also available in yellow and red)
- Tested in accordance with IEC 60947-3 standard



Note! We use recycled ABS plastic. Minor variations in colour and material properties may occur.

Side-operated Polycarbonate Enclosed Safety Switches / Isolators | KSM 16-25 A

- IP67
- Durable solution for demanding conditions
- Self-extinguishing material
- Wide operating temperature range
- The handle can be locked in the OFF position or sealed in the ON position (e.g., with a cable tie)
- Excellent insulating properties
- Good resistance against UV and many chemicals
- The cover can be sealed at the corner using sealing wire
- Available in 2-, 3-, and 4-pole versions
- The enclosure features multiple entry options: two M20 knockouts at the top, two M20 membrane glands at the bottom, and two M15 membrane glands at the back
- Membrane gaskets in the mounting holes
- Delivered with two standard strain-reliefs
- Available with an NO auxiliary contact and with cable glands
- Available in grey and black



Aluminium Enclosed Safety Switches / Isolators | KEA 16-250 A

- IP66: A2, A4
- IP65: A5, A6
- Wide operating temperature range
- Door interlock with defeat mechanism
- Padlockable handle
- Good resistance against UV and many chemicals
- Excellent for hard weather conditions
- Available in 1-, 2-, 3-, 4-, 6-, and 8-pole versions
- Available in an EMC version
- 1 NO and 1 NC auxiliary contacts are also available as accessories
- Black handle and grey cover (also available in yellow and red)
- Tested in accordance with IEC 60947-3 standard



Sheet Steel Enclosed Safety Switches / Isolators | KET 16-1600 A

- IP66: T3, T4, T5, T6, T6B, T7, T10A
- Wide operating temperature range
- Padlockable handle
- Door interlock with defeat mechanism
- Self-extinguishing material
- Good resistance against UV and many chemicals
- Available in 3-, 4-, 6-, and 8-pole versions
- Available in an EMC version
- Black handle and grey cover (also available in yellow and red)
- Cable glands included
- Tested in accordance with IEC 60947-3 standard



Stainless Steel & Acid-Proof Enclosed Safety Switches / Isolators | KER 16-1600 A (AISI 304, AISI 316L)

- IP66: RA2, RA4, RA5, R6, R7, R8, R9
- IP69K: RA2, RA4, RA2S, RA4S
- AISI 304: R6, R7, R8, R9
- AISI 316L: RA2, RA4, RA5, RA2S, RA4S
- Excellent for environments where hygiene and good protection against corrosion are required
- Wide operating temperature range
- Padlockable handle
- Door interlock with defeat mechanism
- Good resistance against UV and many chemicals
- Available in 3-, 4-, 6-, and 8-pole versions
- Black handle and grey cover (also available in yellow and red)
- Tested in accordance with IEC 60947-3 standard



Acid-Resistant Stainless Steel Enclosed Safety Switches / Isolators | KER 16-160 A (AISI 316L)

- IP66: RA2R, RA2RS, RA4R, RA4RS, RA5R, RA5RS
- AISI 316L
- Excellent for environments where hygiene is required
- Padlockable stainless steel handle
- Good resistance against many chemicals
- Door interlock with defeat mechanism
- Available in 3-, 4-, and 6-pole versions
- Tested in accordance with IEC 60947-3 standard



EMC-Protected Enclosed Safety Switches / Isolators | 16-1600 A

- Electromagnetic compatibility ensures safe operation in environments with electromagnetic disturbance
- EMC protection is available for all enclosure materials
- Door interlock with defeat mechanism
- Padlockable handle
- Available in 3- and 6-pole versions
- Tested according to EMC EN 61000-6-3:2007+A1(2011) with EMC- glands shielded power cable
- EMC cable glands included
- Tested in accordance with IEC 60947-3 standard



Firerated Aluminium Enclosed Safety Switches / Isolators | KEA 16-250 A

- IP66: A2, A4
- IP65: A5, A6
- Excellent for hard weather conditions
- Available in 3-, 4-, 6- and 8-pole versions
- F200 3H (FR) / F300 2H (FR3)
- Wide operating temperature range
- Padlockable handle
- Good corrosion and UV resistance
- ON-locking facility as option
- Available in an EMC version
- Tested in accordance with IEC 60947-3 standard



ATEX Enclosed Safety Switches / Isolators | KEA & KER 16-160 A

- 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
- IP66: RA2EX, RA4EX, RA5EX, A2EX, A4EX
- Padlockable handle
- Door interlock with defeat mechanism
- Available in 3-, 4-, 6-, and 8-pole versions
- Black handle and grey cover (also available in yellow and red)
- Tested in accordance with IEC 60947-3 standard



IECEx Enclosed Safety Switches / Isolators | KEA 16-160 A

- Suitable for dust hazardous areas: Zone 21 (Category 2D)
- II 2D Ex tb IIIC T65°C Db
- Robust and long-lasting aluminium enclosure with corrosion and impact resistance
- IP66
- Operating temperature: -20 °C – +40 °C
- Frontal impact test of 7 J
- Door interlock with defeat mechanism
- Padlockable handle
- Consists of suitable steel cable glands
- Available in 3-, 4-, 6-, and 8-pole versions
- Certificate No.: IECEx EESF 25.0012X



Enclosed Changeover Safety Switches / Isolators | TKM/KEM & KEA 16-160 A

- IP66: A2, M2, M3, M4, M5
- Polycarbonate (TKM, KEM) or aluminium (KEA) enclosures
- TKM-models with cam switch 16 to 40 A
- Wide operating temperature range
- Padlockable handle
- Excellent insulating properties
- Good resistance against UV
- Good resistance against many chemicals
- Door interlock with defeat mechanism
- Available in 2-, 3-, and 4-pole versions
- Black handle and grey cover (also available in yellow and red)
- Tested in accordance with IEC 60947-3 standard



Enclosed Bypass Switches for Frequency Inverter | KUT 16-63 A

- IP66
- Durable sheet steel enclosure
- Ensures continuous operation of ventilation equipment, even during maintenance or fault conditions of the frequency inverter
- Enables safe maintenance with continuous operation in bypass mode
- Padlockable handle
- Excellent insulating properties
- EMC-protected design
- Quick and direct wiring to terminal blocks
- Optional motor protection switch for enhanced operational safety
- Designed for applications where interruptions are not an option



Enclosed Motor Control Switches | TKM 16-40 A

- IP66: M2
- Wide operating temperature range
- Padlockable handle
- Door interlock with defeat mechanism
- Terminals: Cu 1,5–16 mm²
- Max. terminal torque: 1,8 Nm
- Available in 3-pole version
- Black handle and grey cover (also available in yellow and red)
- TK = star delta
- SK = reverse switch



M2	96,4	130,4	106	ABS	65
M3	144	190	96	ABS	65
R4B	200	300	120	AISI304	66
RA4B	200	300	120	AISI304	66
R5	300	400	120	AISI304	66
R6	400	600	200	AISI304	65
R7	600	800	200	AISI304	65
R8	800	800	300	AISI304	65
R9	800	1000	300	AISI304	65
R10	800	1200	300	AISI304	65
RA2	120	160	77	AISI316	66
RA2R	120	160	77	AISI316	66
RA2S	120	160	113	AISI316	66
RA2RS	120	258	113	AISI316	66
RA4	160	260	90	AISI316	66
RA4R	160	260	90	AISI316	66
RA4S	160	260	90	AISI316	66
RA4RS	160	369	127	AISI316	66
RA5R	300	400	120	AISI316	66
RA5	300	420	120	AISI316	66
RA5S	300	420	120	AISI316	66
RA5RS	300	532	156	AISI316	66
RA6	400	600	200	AISI316	65
RA7	600	800	200	AISI316	65
RA8	800	800	300	AISI316	65
RA9	800	1000	300	AISI316	65
RA10	800	1200	300	AISI316	65
A2	104	158,5	79,5	ALUMINUM	66
A2S	104	158,5	79,5	ALUMINUM	66
A4	162	262	108	ALUMINUM	66
A5	300	400	170	ALUMINUM	65
A6	400	500	170	ALUMINUM	65
M1	83	128	55,6	PC	67
M2	96,4	130,4	106	PC	66
M2S	96,4	130,4	106	PC	66
M3	144	190	96	PC	66
M4	180	255	100	PC	66
MF10	188	280	130	PC	65
MF02	560	280	130	PC	65
MF01	280	380	130	PC	65
MF11	280	380	130	PC	65
MF11UL	280	380	130	PC	65
MF03	380	560	180	PC	65
MF04	560	760	250	PC	65
T3	150	200	120	SHEET STEEL	65
T4	150	300	120	SHEET STEEL	65
T5	300	400	120	SHEET STEEL	65
T6	400	600	200	SHEET STEEL	65
T6B	600	600	200	SHEET STEEL	65
T7	600	800	250	SHEET STEEL	65
T8	800	800	200	SHEET STEEL	65
T10A	600	1200	300	SHEET STEEL	65
T10	800	1200	300	SHEET STEEL	65

Explore more about our safety switches on our website

Scan the QR code to learn more about our product range.



Explore more of our accessories on our website

Scan the QR code to explore our range of auxiliary contacts, rain covers, and other accessories.



KATKO is a Finnish electrical industry company, specializing in designing, manufacturing, and delivering leading solutions for the electrical installation sector.

We develop high-quality electrical switches and other installation products. Our work is guided by a strong commitment to sustainability and installer-friendly solutions, combined with a deep understanding of practical applications rooted in Finnish design principles: uncompromising functionality, modern simplicity, and long-lasting durability. With an extensive network of distribution partners and production facilities in Finland and Poland, we ensure the availability of our solutions in over 70 countries worldwide.

Conditions of Sale

Scan the QR code to review our Conditions of Sale.



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