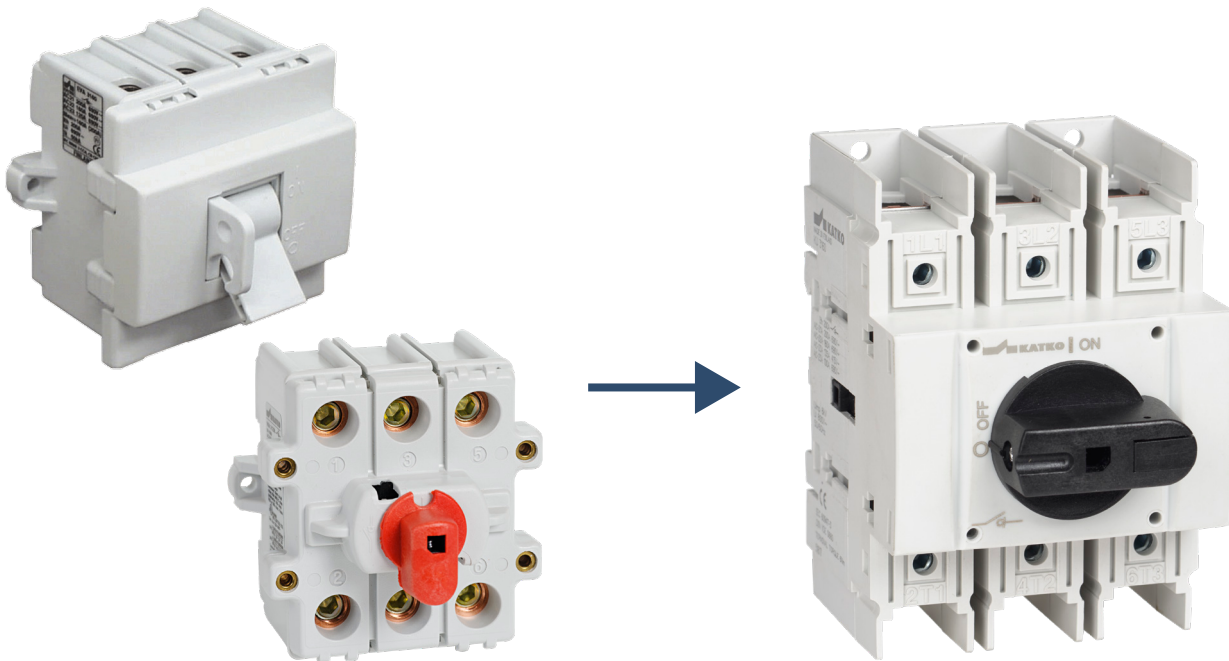


DISCONTINUED EVA & VKA 3-POLE (80-160A) LOAD BREAK SWITCHES & ALTERNATIVE OPTIONS



EVA & VKA 3-pole 80–160A Switches – Alternatives Available

We would like to inform you that the **3-pole VKA switches (80–160 A) have been discontinued** due to changes in raw material availability. These products were manufactured using thermoset plastic, which is no longer available from our supplier.

We are transitioning from thermoset plastics to advanced thermoplastics as part of our commitment to more responsible and future-oriented product development. Thermoplastics are already widely used in our product families and offer clear benefits in reliability, flexibility, and manufacturing efficiency.

As a alternative solution, we offer a range of **KU 100–160 A load break switches** made from high-quality thermoplastic. These products meet the same technical requirements and go beyond in terms of durability, environmental responsibility, and contemporary design. In addition, the KU product range includes a wide selection of compatible accessories.

These alternatives represent not just a material change, but an upgrade to a next-generation, more responsible and high-quality solutions. If you have any specific requirements for the solution, please contact our sales representative.

Explore our recommended alternatives more below.

LOADSAFE KU SERIES

LOAD BREAK ROTARY SWITCHES 100-160A



KU 100-160A switches offer efficient and easy-to-install solutions for industrial power installations. Modular design allows flexible mounting on DIN-rail or screw fixing. 3- and 4-pole switches as standard, but also available in larger 6- and 8-pole models. Silver contact switch technology ensures safe and long-lasting operation even in harsh environments. A wide range of accessories offer flexibility and customization.

Features:

- DIN-rail or screw mounting
- Standard models: 3-pole and 4-pole switches
- 6-pole and 8-pole versions consist of two 3-pole or 4-pole KU-switches connected by a parallel kit
- Modular design
- Switch technology by means of silver contacts ensure safe and durable operation

SWITCHES

Type	EAN	E-number	AC-23A 400/415 V (A)	AC-23A 400/415 V (kW)	AC-23A 690 V (A)	AC-23A 690 V (kW)	Weight (kg)	Switch Type	Number of Poles
KU 3100	6419410203484	3600759	100	55	63	55	0,45	Load Break Switch	3
KU 3125	6419410203491	3600785	125	55	80	75	0,45	Load Break Switch	3
KU 3160	6419410203507	3600787	160	90	100	90	0,45	Load Break Switch	3
KU 4100	6419410203675	3600788	100	55	63	55	0,59	Load Break Switch	4
KU 4125	6419410203682	3600791	125	55	80	75	0,59	Load Break Switch	4
KU 4160	6419410203514	3600793	160	90	100	90	0,59	Load Break Switch	4
KU 6100	6419410203521	3600794	100	55	63	55	0,97	Load Break Switch	6
KU 6125	6419410203538	3600795	125	55	80	75	0,97	Load Break Switch	6
KU 6160	6419410203545	3600796	160	90	100	90	0,97	Load Break Switch	6
KU 8100	6419410203552	3600797	100	55	63	55	1,18	Load Break Switch	8
KU 8125	6419410203569	3600798	125	55	80	75	1,18	Load Break Switch	8
KU 8160	6419410203576	3600799	160	90	100	90	1,18	Load Break Switch	8

RELATED ACCESSORIES

Type	Accessory	Description	For	EAN	E-number
LK10	Handle	Black	3- & 4-pole	6419410222539	3600934
LK10YR	Handle	Yellow/red	3- & 4-pole	6419410222553	3600935
LK11	Handle	Black	3- & 4-pole	6419410222607	3600936
LK11YR	Handle	Yellow/red	3- & 4-pole	6419410222614	3600937
LK11IP69K	Handle	Black	3- & 4-pole	6419410483060	3600967
LK11YRIP69K	Handle	Yellow/red	3- & 4-pole	6419410483077	3600968
LKX100	Handle	Black	6- & 8-pole	6419410483565	3602850
LKX100YR	Handle	Yellow/red	6- & 8-pole	6419410483596	3602852
LK12	Handle	Black	6- & 8-pole	6419410222683	3600766
LK12YR	Handle	Yellow/red	6- & 8-pole	6419410222690	3600767
L100AD11VT	Shaft	Length 100 mm, steel, slanted	With LK10 and LK11 handles	6419410253168	3600231
L200AD11VT	Shaft	Length 200 mm, steel, slanted	With LK10 and LK11 handles	6419410253175	3600271
L300AD11VT	Shaft	Length 300 mm, steel, slanted	With LK10 and LK11 handles	6419410253182	3600272
L100AD12VT	Shaft	Length 100 mm, steel, slanted	With LK12 handle	6419410253076	3600938
L200AD12VT	Shaft	Length 200 mm, steel, slanted	With LK12 handle	6419410253083	3600922
L300AD12VT	Shaft	Length 300 mm, steel, slanted	With LK12 handle	6419410253090	3600917
PK160KU	Parallel Kit	Parallel kit	For 2 x 3- or 4-pole switches	6419410203668	3600816
1V160KU	Auxiliary contact	1NO/1NC	For all configurations	6419410300022	3600819
2V160KU	Auxiliary contact	2NO/2NC	For all configurations	6419410300114	3600825
LS160	Cover	Terminal cover for 3 poles	For all configurations. Covers 3 poles.	6419410203699	3600817
LSN160	Cover	Terminal cover for N-pole	4- & 8-pole and 4-pole change-over	6419410203705	3600818
VS160	Phase barrier	Phase barrier (1 pc)	For all configurations. Covers 3 poles.	6419410203835	3602891



TECHNICAL DATA

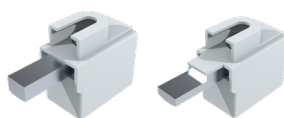
LOAD BREAK SWITCHES		KU ROTARY LBS		
		100A	125A	160A
Rated insulation voltage, U_i (V)		800	800	800
Rated thermal current, I_{th} (A)		125	160	200
Nominal values with cable size (mm ²)		70	70	95
Rated operational current, I_n (A)				
AC-21A	400/415V	125	160	160
	500V	125	160	160
	690V	125	160	160
AC-22A	400/415V	100	125	160
	500V	100	125	160
	690V	100	125	160
AC-23A	400/415V	100	125	160
	500V	63	80	100
	690V	63	80	100
	1000V	-	-	-
Rated operational power for 3-phase (1500 r.p.m.) squirrel cage induction motors (kW)				
AC-23	400/415V	55	55	90
	500V	37	55	55
	690V	55	75	90
Rated fused short circuit current				
Back-up fuse (A)		160	160	160
R.M.S. value, I_s (kA)		65	65	65
Peak value (kA)		15	15	15
Impulse withstand voltage, U_{imp} (kV)		8	8	8
Rated short circuit making capacity, I_{cm} (kA)				
690V		8	8	8
Rated short time withstand current (1 s), I_{sw} (kA)				
690V		5	5	5
Rated breaking capacity, I_{br} (A)				
AC-23	400/415V	800	1000	1280
	500V	504	640	800
	690V	504	640	800
Electrical endurance (number of operations)		2000	2000	2000
Mechanical endurance (number of operations)		16000	16000	16000
Terminals / Bolt size Cu (mm ²)		6-70	6-70	6-70
Max terminal torque (Nm)		6	6	6

6- AND 8-POLE CONFIGURATIONS

- For a 6- or 8-pole configuration
 - 2 x 3- or 4-pole KU switches
 - 1 x Parallel kit: PK160KU
 - 1 x External handle (LK12) for 6- or 8-pole
 - 1 x Shaft for LK12

CONNECTORS

Type	EAN	E-number
KKL1X50T2	6419410378502	1942080
KKL1X120T	6419410378700	1942102



DISCOVER MORE

All connectors and more information available in KATKO ConnectSafe Catalogue.
You will find it here: www.katko.com/downloads