

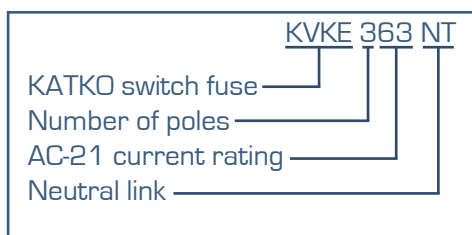
SWITCH FUSES 20-630 A

TECHNICAL DATA FOR KVKE SERIES

SWITCH FUSES	20A	32A	63A	80A	100A	125A	160A	200A	250A	315A	400A	630A	
Rated insulation voltage, U_i [V]	1000	1000	690	690	690	690	690	1000	1000	1000	1000	1000	
Rated thermal current, I_{th} [A] ¹⁾	20	32	63	80	100	125	160	200	250	315	400	630	
Nominal values with cable size [mm ²]	4	6	16	25	35	50	70	95	120	185	240	2x185	
Rated operational current, I_n [A]													
AC-21	400/415V	20	32	63	80	100	125	160	200	250	315	400	630
	500V	-	-	63	80	100	125	160	200	250	315	400	630
	690V	-	-	63	80	100	125	160	200	250	315	400	630
AC-22	400/415V	20	32	63	80	100	125	160	200	250	315	400	630
	500V	-	-	63	80	100	125	160	200	250	315	400	630
	690V	-	-	63	80	100	125	160	200	250	315	400	630
AC-23	400/415V	20	32	63	80	100	125	125	200	250	315	400	630
	500V	-	-	63	80	100	125	125	200	250	315	400	500
	690V	-	-	63	80	100	125	125	200	250	315	400	500
Rated operational power for 3-phase (1500 r.p.m.) squirrel cage induction motors [kW]													
AC-23	400/415V	10	15	30	45	55	55	55	110	132	160	200	355
	500V	-	-	37	55	55	75	75	132	160	200	250	355
	690V	-	-	55	75	90	110	110	160	250	315	355	500
Rated fused short circuit current													
Back-up fuse [A]	32	32	63	80	100	125	160	200	250	400	400	630	
R.M.S. value, I_{sc} [kA]	50	50	80	80	80	80	80	80	80	80	80	80	
Peak value [kA]	-	-	12	12	12	12	12	12	18	18	26	32	
Impulse withstand voltage, U_{imp} [kV]	8	8	8	8	8	8	8	12	12	12	12	12	
Rated short circuit making capacity, I_{sm} [kA]													
690V	-	-	6	6	6	6	6	7	7	12	12	17	
Rated short time withstand current (1 s), I_{st} [kA]													
690V	-	-	4	4	4	4	4	5	5	7	7	10	
Rated breaking capacity, I_{br} [A]													
AC-23	400/415V	160	256	504	640	800	1000	1000	1600	2000	2520	3200	5040
	500V	-	-	504	640	800	1000	1000	1600	2000	2520	3200	4000
	690V	-	-	504	640	800	1000	1000	1600	2000	2520	3200	4000
Electrical endurance (operations)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	
Mechanical endurance (operations)	20000	20000	20000	20000	20000	20000	20000	16000	16000	10000	10000	10000	
Terminals / Bolt size Cu [mm ²]	2,5-35	2,5-35	6-70	6-70	6-70	6-70	6-70	M10	M10	M10	M10	M12	
Max terminal torque [Nm]	2,2	2,2	6	6	6	6	6	30-44	30-44	30-44	30-44	50-75	
Fuse type	DIN	10x38	10x38	000/00	000/00	000/00	000/00	000/00	1	1	2	2	3
	BS88	A1	A1	A2-A3	A2-A3	A2-A3	A2-A3	A2-A3	B1-B2	B1-B3	B1-B4	B1-B4	B1-B4
	size of screws	M4	M4	M5	M5	M5	M5	M5	M10	M10	M10	M10	M12
	fixing centres [mm]	44,5	44,5	73	73	73	73	73	111	111	111	111	111
	torque [Nm]	1,8	1,8	3	3	3	3	3	15	15	15	15	15

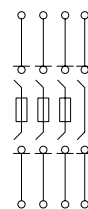
NEUTRAL LINKS FOR KVKE SWITCH FUSES

All KVKE switches are available with the neutral links specified below. Product code example:

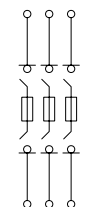


¹⁾ KVKE 63-630A mounting in horizontal position:
Derating 0% in ventilated enclosure, ambient temperature ≤ 40 °C
Derating 5% totally enclosed (KVKE 63-400A)
Derating 8% totally enclosed (KVKE 630A)

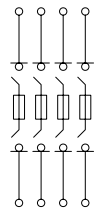
Switched neutral (all standard 4P switch fuses)



Solid neutral, NT
Uninsulated solid neutral, NU



Fused switched neutral, F



Detachable neutral, NL

