

LV MCCB, Thermal-Magnetic Fixed Type - Technical Specifications

Type				KM200	A125	A160	A250	A400	A160N	A250N	A400N	A630N	A800N
Standard				IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2	IEC / EN 60947-2
Rated Current In (at 40°C)		A		16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 160, 200	20, 25, 32, 40, 50, 63, 80, 100, 125	20, 25, 32, 40, 50, 63, 80, 100, 125, 160	160, 200, 250	315, 400	20, 25, 32, 40, 50, 63, 80, 100, 125, 160	200, 250	315, 400	500, 630	800
No of Poles				1	2	3	3	3	4	4	4	4	4
Frequency			Hz	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Rated Operating Voltage	Ue	V	AC	400	400	415	400	415	415	415	415	415	415
Rated Insulation Voltage	Ui	V	AC	750	750	750	750	750	750	750	750	750	750
Power Frequency Withstand Test at 1 Minute		V	AC	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Rated Impulse Withstand Voltage	Uimp	kV		8	8	8	8	8	8	8	8	8	8
Rated Ultimate Short Circuit Breaking Capacity	Icu	kA	400/415 V AC	36	20	25	25	36	25	36	36	36	36
Rated Service Short Circuit Breaking Capacity	Ics	kA	400/415 V AC	18	10	18	12,5	27	18	27	27	27	27
Pollution Degree				3	3	3	3	3	3	3	3	3	3
Electrical Life (Operation)	ON-OFF		400/415 V AC	4000	4000	5000	4000	3000	5000	4000	3000	2000	1500
Mechanical Life (Operation)	ON-OFF			10000	8000	12000	10000	7000	12000	10000	7000	6000	5000
Thermal Adjustment				Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Magnetic Adjustment				Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Ambient Temperature		°C		-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Storage Temperature		°C		-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80	-40 to +80
Dimensions	Width	mm		35	50	75	90	105	140	140	185	280	280
	Length	mm		158	130	135	159	170	265	159	170	265	281
	Depth	mm		89	60	65	74	74	110	74	74	110	110
Accessories													
Shunt Trip Release				–			✓	✓	✓	✓	✓	✓	✓
Under Voltage Release				–			✓	✓	✓	✓	✓	✓	✓
Auxiliary Contact				–			✓	✓	✓	✓	✓	✓	✓
Alarm Contact				–			✓	✓	✓	✓	✓	✓	✓
Motor Operator				–			–	–	–	–	–	–	–
Ext. Rotary Handle				–			✓	✓	✓	✓	✓	✓	✓
Extension Bus Bar				–			✓	✓	✓	✓	✓	✓	✓

