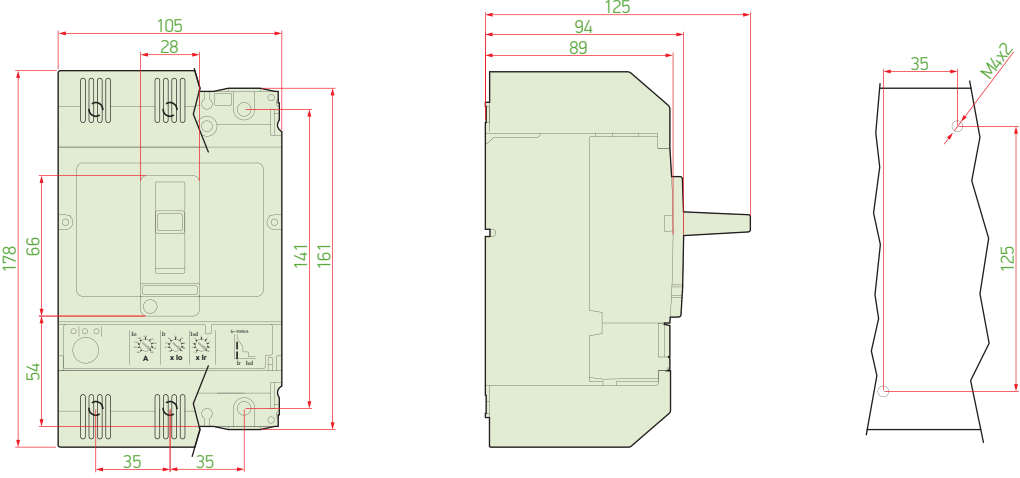
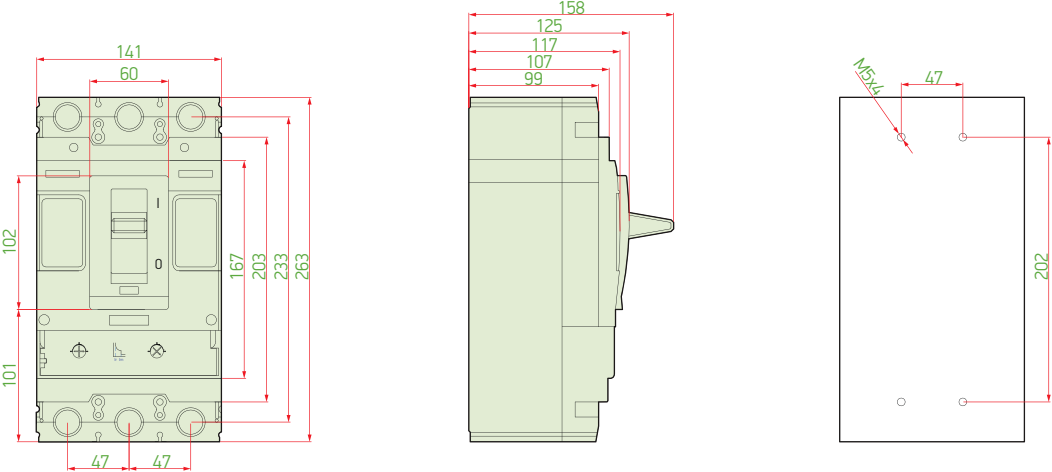
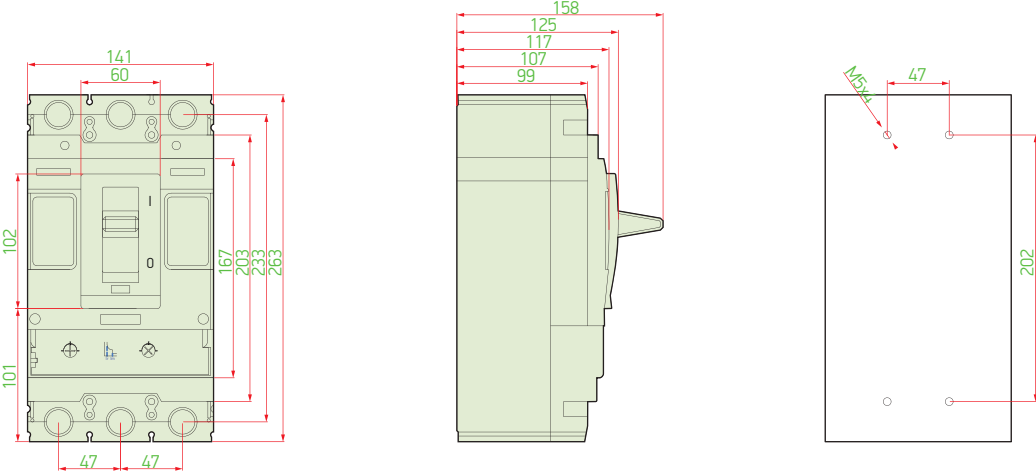


Technical Specifications

				U250		U400		U630		U1600	
Standard				IEC / EN 60947-2		IEC / EN 60947-2		IEC / EN 60947-2		IEC / EN 60947-2	
Rated current In (at 40°C)	A			40, 100, 160, 250		400		630		800, 1000, 1250, 1600	
Number of poles				3	4	3	4	3	4	3	
Rated operating voltage	Ue	V	AC	400		400		400		400	
Rated insulation voltage	Ui	V	AC	1000		1000		1000		1000	
Test Voltage at Industrial Frequency for 1 Minute		V	AC	3000		3000		3000		3000	
Rated impulse Withstand voltage	Uimp	kV	AC	8		8		8		8	
Rated ultimate short circuit breaking capacity	Icu	kA	690V AC	8		16		16		25	
			500V AC	9		42		42		35	
			440V AC	22		50		50		50	
			415V AC	36		70		70		70	
			240V AC	50		85		85		85	
			250V DC (3 poles serial)	15		30		30		–	
Rated service short circuit breaking capacity	Ics	kA	690V AC	8		16		16		25	
			500V AC	9		42		42		35	
			440V AC	22		50		50		50	
			415V AC	36		70		70		70	
			240V AC	50		85		85		85	
			250V DC (3 poles serial)	10		23		23		–	
Category (IEC/EN 60947-2)				A		A		A		A	
Pollution degree				3		3		3		3	
Electrical life (No. operation)		ON - OFF		415 V		8.000		8.000		8.000	
Mechanical life (No. operation)		ON - OFF				20.000		15.000		15.000	
Protection unit				Electronic		Electronic		Electronic		Electronic	
Protection unit (power & network system protection)				Io: 0,4-1 Ir: (0,9-1) x Io Isd: (1,5-10) x Ir		Io: 0,5-1 Ir: (0,8-1) x Io Isd: (2-10) x Ir		Io: 0,5-1 Ir: (0,8-1) x Io Isd: (2-10) x Ir		Ir: (0,4-1)xIn; Im: (2-10)xIn	
Ambient operating temperature				°C		-20 to +60		-20 to +60		-20 to +60	
Ambient storage temperature				°C		-40 to +80		-40 to +80		-40 to +80	
Relative humidity						90%		90%		90%	

Dimensions

U250	 Technical drawings of the U250 LV MCCB showing front, side, and top views with dimensions. Front view dimensions: 105, 28, 178, 66, 54, 141, 161, 35, 35. Side view dimensions: 125, 94, 89. Top view dimensions: 35, 125, M4x2.
U400	 Technical drawings of the U400 LV MCCB showing front, side, and top views with dimensions. Front view dimensions: 141, 60, 102, 101, 167, 203, 233, 263, 47, 47. Side view dimensions: 158, 125, 117, 107, 99. Top view dimensions: 47, 202, M5x4.
U630	 Technical drawings of the U630 LV MCCB showing front, side, and top views with dimensions. Front view dimensions: 141, 60, 102, 101, 167, 203, 233, 263, 47, 47. Side view dimensions: 158, 125, 117, 107, 99. Top view dimensions: 47, 202, M5x4.

U1600

