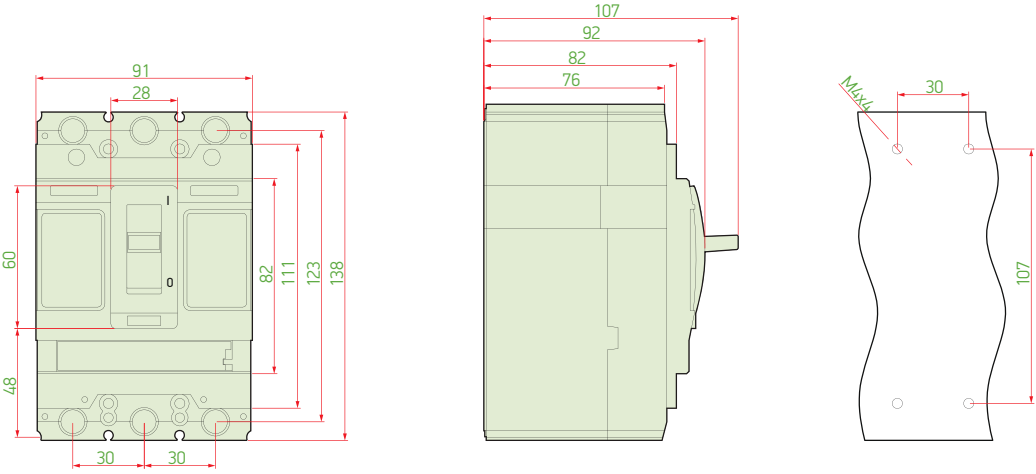
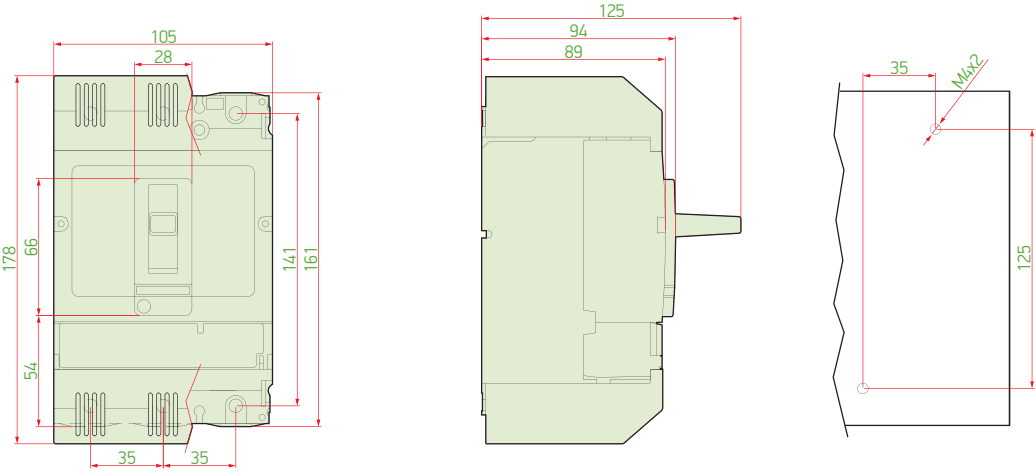
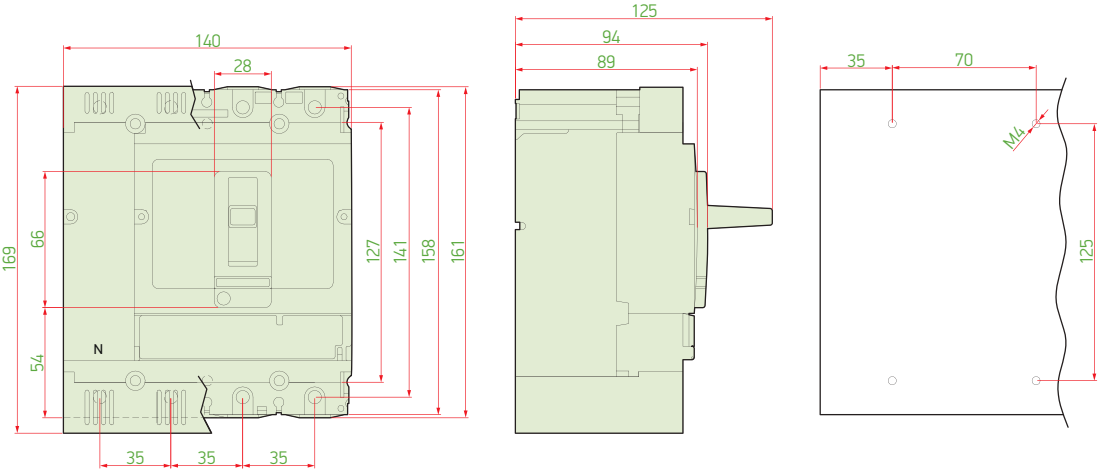


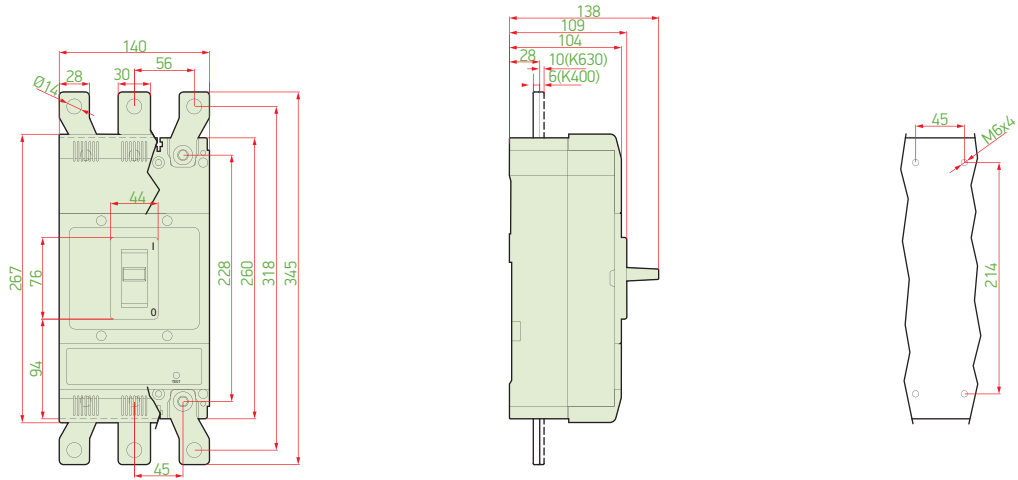
Technical Specifications

				M160	M250		M400	M630	M800
Standard				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			40, 50, 63, 80, 100, 125, 160	63, 80, 100, 125, 160, 200, 250	100, 125, 160, 200, 250	315, 400	500, 630	800
Number of poles				3	3	4	3	3	3
Rated operating voltage	Ue	V	AC	400	400		400	400	400
Rated insulation voltage	Ui	V	AC	1000	1000		1000	1000	1000
Test Voltage at Industrial Frequency for 1 Minute		V	AC	3000	3000		3000	3000	3000
Rated impulse Withstand voltage	Uimp	kV	AC	8	8		8	8	8
Rated ultimate short circuit breaking capacity	Icu	kA	690V AC	10	10		17	17	22
			500V AC	18	18		25	25	35
			440V AC	42	42		35	35	42
			415V AC	50	50		50	50	50
			240V AC	65	65		50	80	100
			250V DC (3 poles serial)	25	25		30	30	30
Rated service short circuit breaking capacity	Ics	kA	690V AC	8	10		17	17	22
			500V AC	14	18		25	25	35
			440V AC	32	42		35	35	42
			415V AC	50	50		50	50	25
			240V AC	50	65		80	50	50
			250V DC (3 poles serial)	19	25		23	23	23
Category (IEC/EN 60947-2)				A	A		A	A	A
Pollution degree				3	3		3	3	3
Electrical life (No. operation)	ON - OFF		415 V	8.000	8.000		6.000	5.000	5.000
Mechanical life (No. operation)	ON - OFF			20.000	20.000		15.000	15.000	10.000
Protection unit				Thermal Adjustable Magnetic Fixed	Thermal Magnetic Adjustable				
Protection unit (power & network system protection)				Ir: (0,8-1)xIn; Im: 10xIn	Ir: (0,7-1)xIn; Im: (5-10)xIn		Ir: (0,8-1)xIn; Im: (5-10)xIn	Ir: (0,8-1)xIn; Im: (5-10)xIn	Ir: (0,8-1)xIn ; Im: (5-10)xIn
Ambient operating temperature	°C			-20 to +60	-20 to +60		-20 to +60	-20 to +60	-20 to +60
Ambient storage temperature	°C			-40 to +80	-40 to +80		-40 to +80	-40 to +80	-40 to +80
Relative humidity				90%	90%		90%	90%	90%
Dimensions	Width	mm		90	105	140	140	140	210
	Length	mm		138	178	169	267	267	280
	Depth	mm		82	89	89	104	104	107

Dimensions

M160	 Technical drawing of the M160 MCCB showing three views: front, side, and top. The front view shows a width of 91mm (with 28mm between terminals) and a height of 138mm (with intermediate steps at 123mm, 111mm, and 82mm). The side view shows a depth of 107mm (with 92mm and 76mm sub-dimensions). The top view shows a width of 107mm and a height of 30mm, with a note 'Max1' indicating a specific feature.
M250	 Technical drawing of the M250 MCCB showing three views: front, side, and top. The front view shows a width of 105mm (with 28mm between terminals) and a height of 161mm (with intermediate steps at 141mm, 66mm, and 54mm). The side view shows a depth of 125mm (with 94mm and 89mm sub-dimensions). The top view shows a width of 125mm and a height of 35mm, with a note 'Max2' indicating a specific feature.
M250N	 Technical drawing of the M250N MCCB showing three views: front, side, and top. The front view shows a width of 140mm (with 28mm between terminals) and a height of 161mm (with intermediate steps at 158mm, 141mm, 127mm, 66mm, and 54mm). The side view shows a depth of 125mm (with 94mm and 89mm sub-dimensions). The top view shows a width of 125mm and a height of 70mm (with 35mm sub-dimension), with a note 'Max' indicating a specific feature.

M400-M630 (Extension bars are not available in M400)



M800

