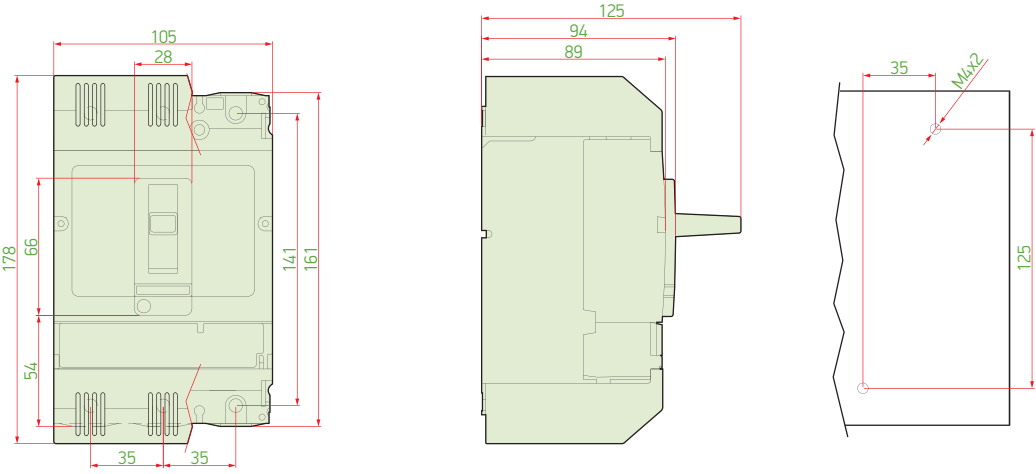
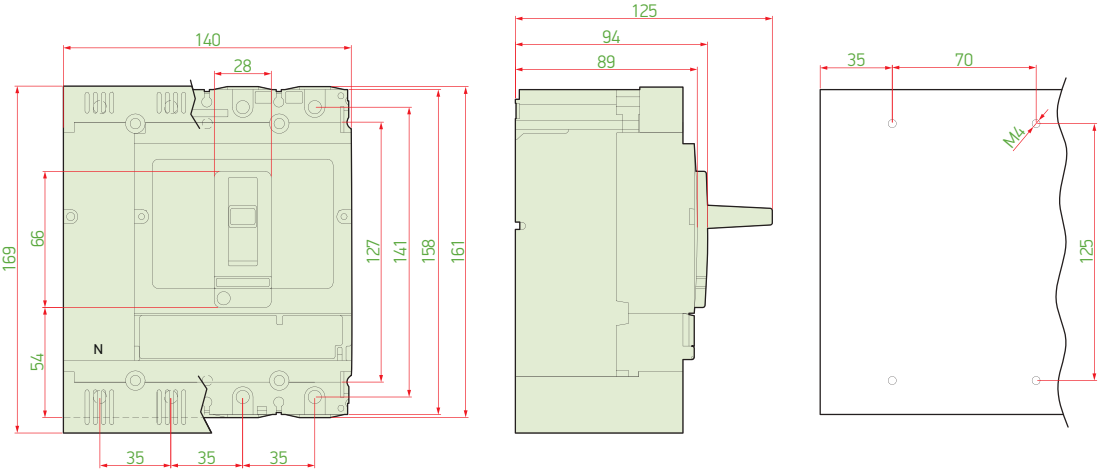
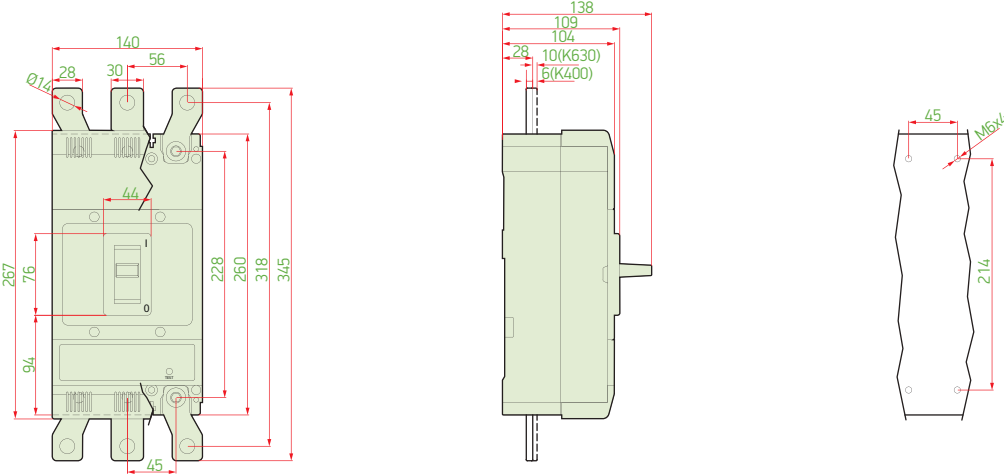


Technical Specifications

				K160		K250		K400	K630
Standard				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		63, 80, 100, 125, 160, 200, 250	200, 250	315, 400	500, 630
Number of poles				3	4	3	4	3	3
Rated operating voltage	Ue	V	AC	415		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		8		12	12
			500V AC	9		9		20	20
			440V AC	22		22		25	25
			415V AC	36		36		36	36
			240V AC	50		50		65	65
			250V DC (3 poles serial)	15		15		25	25
Rated service short circuit breaking capacity	Ics	kA	690V AC	8		8		12	12
			500V AC	9		9		20	20
			440V AC	22		22		25	25
			415V AC	36		36		36	36
			240V AC	50		50		36	36
			250V DC (3 poles serial)	15		10		20	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		6.000	5.000
Mechanical life (No. operation)	ON - OFF			20.000		20.000		15.000	15.000
Protection unit				Thermal Adjustable Magnetic Fixed		Thermal Magnetic Adjustable		Thermal Magnetic Adjustable	
Protection unit (power & network system protection)				Ir: (0,7-1)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
Ambient operating temperature	°C			-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
Relative humidity				90%		90%		90%	90%
Dimensions	Width	mm		105	140	105	140	140	140
	Length	mm		178	169	178	169	267	267
	Depth	mm		89	89	89	89	104	104

Dimensions

K160	 Technical drawings of the K160 MCCB showing front, side, and top views with dimensions. Front view dimensions: 178, 66, 54, 105, 28, 141, 161, 35, 35. Side view dimensions: 125, 94, 89. Top view dimensions: 35, 125, M12x2.
K160N - K250N	 Technical drawings of the K160N - K250N MCCB showing front, side, and top views with dimensions. Front view dimensions: 169, 66, 54, 140, 28, 127, 141, 158, 161, 35, 35, 35. Side view dimensions: 125, 94, 89. Top view dimensions: 35, 70, 125, M6.
K400-K630 (Extension bars are not available in K400)	 Technical drawings of the K400-K630 MCCB showing front, side, and top views with dimensions. Front view dimensions: 267, 76, 94, 140, 28, 30, 56, 44, 228, 260, 318, 345, 45. Side view dimensions: 138, 109, 104, 28, 10(K630), 5(K400). Top view dimensions: 45, 214, M6x4.