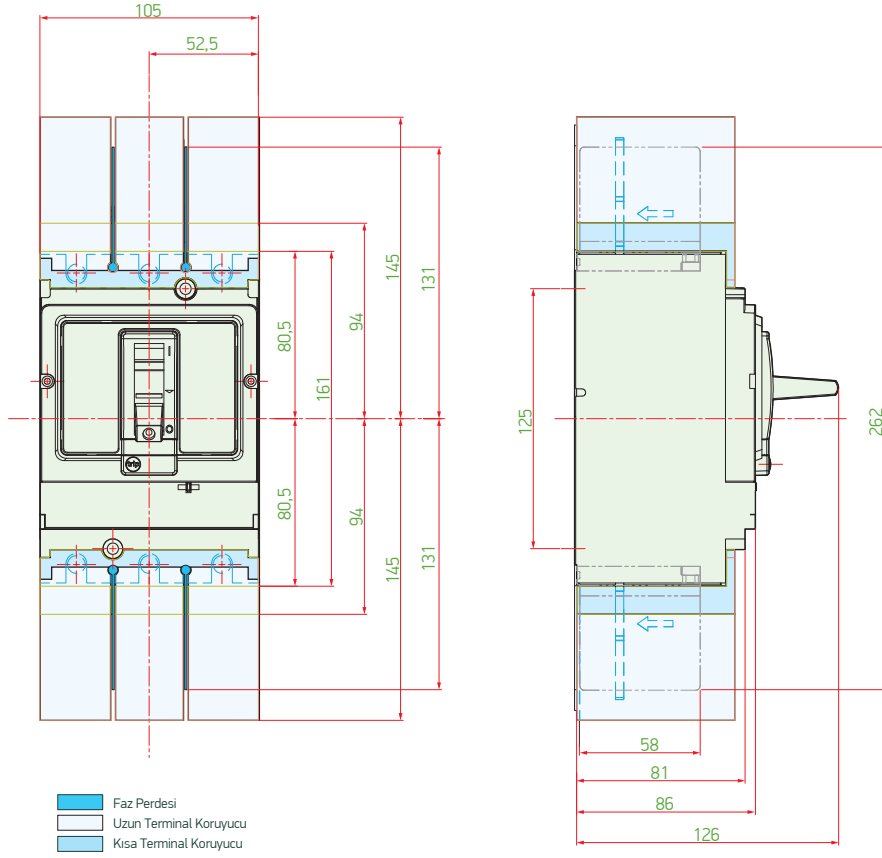


Technical Specifications

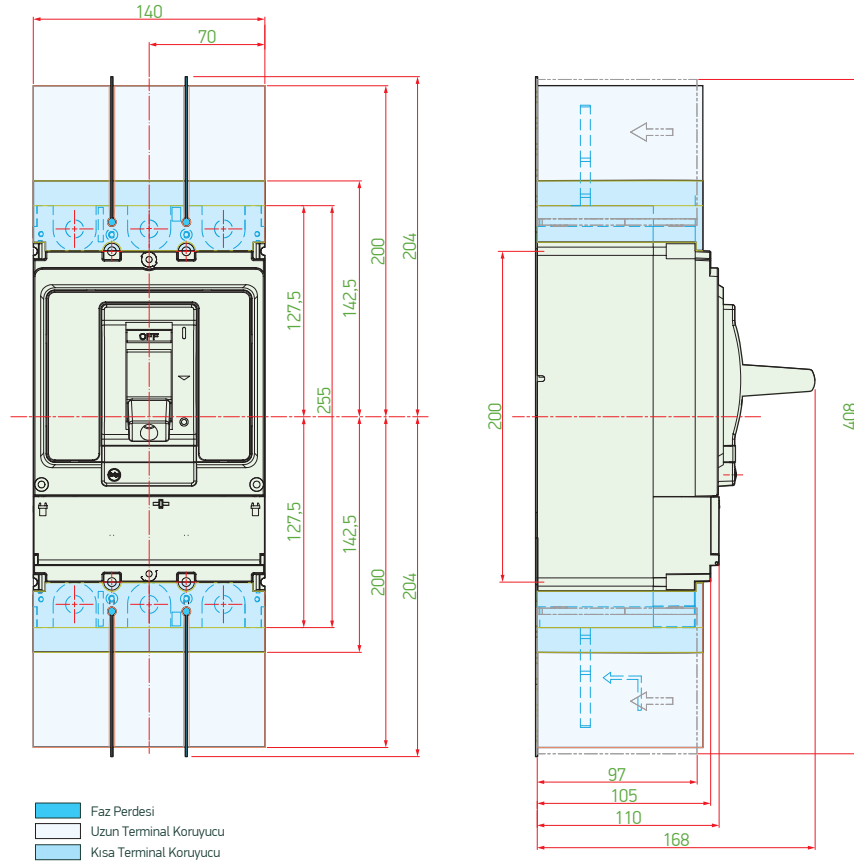
				KLE 160		MLE 160		SLE 160		ULE 160		XLE 160		KLE 250		MLE 250		SLE 250		ULE 250		XLE 250	
Standard				IEC / EN 60947-2										IEC / EN 60947-2									
Rated current In (at 40°C)	A			40, 100, 160										250									
Number of poles				3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4		
Rated operating voltage	Ue	V	AC	800										800									
Rated insulation voltage	Ui	V	AC	1000										1000									
Test Voltage at Industrial Frequency for 1 Minute	Icw	V	AC	12	15	20	25	30	12	15	20	25	30										
Rated impulse Withstand voltage	Uimp	kV	AC	8	8	8	8	8	8	8	8	8	8										
Rated ultimate short circuit breaking capacity	Icu	kA	660-690V AC	10	15	20	36	50	10	15	20	36	50										
			480-500V AC	12	20	45	50	70	12	20	45	50	70										
			380-415V AC	36	50	70	100	150	36	50	70	100	150										
			220-240V AC	50	70	100	120	150	50	70	100	120	150										
			250V DC (3 poles serial)	15	20	25	30	36	15	20	25	30	36										
Rated service short circuit breaking capacity	Ics	kA	660-690V AC	10	15	20	36	50	10	15	20	36	50										
			480-500V AC	12	20	45	50	70	12	20	45	50	70										
			415V AC	36	50	70	100	150	36	50	70	100	150										
			220-240V AC	50	70	100	120	150	50	70	100	120	150										
			250V DC (3 poles serial)	15	20	25	30	36	15	20	25	30	36										
Category (IEC/EN 60947-2)				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
Pollution degree				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Electrical life (No. operation)	ON - OFF	415V	4.000-8.000										4.000-8.000										
Mechanical life (No. operation)	ON - OFF		20.000										20.000										
Protection unit				Electronic										Electronic									
Protection unit (power & network system protection)				Ir: (0.4-1)xIn, Im: 1.5-10)xIn										Ir: (0.4-1)xIn, Im: 1.5-10)xIn									
Ambient operating temperature	°C			-20 ... +70										-20 ... +70									
Ambient storage temperature	°C			-40 ... +80										-40 ... +80									
Relative humidity	%			95		95		95		95		95		95		95		95		95			
Dimensions	Width	mm		105	140	105	140	105	140	105	140	105	140	105	140	105	140	105	140	105	140		
	Length	mm		161		161		161		161		161		161		161		161		161			
	Depth	mm		126		126		126		126		126		126		126		126		126			

		KLE 400	MLE 400	SLE 400	ULE 400	XLE 400	KLE 630	MLE 630	SLE 630	ULE 630	XLE 630	MLE 1600			
Standard		IEC / EN 60947-2						IEC / EN 60947-2						IEC / EN 60947-2	
Rated current In (at 40°C)	A	400						630						800, 1000, 1250, 1600	
Number of poles		3	4	3	4	3	4	3	4	3	4	3	4		
Rated operating voltage	Ue V AC	800						800						800	
Rated insulation voltage	Ui V AC	1000						1000						1000	
Test Voltage at Industrial Frequency for 1 Minute	Icw V AC	12	15	20	25	30	12	15	20	25	30	15			
Rated impulse Withstand voltage	Uimp kV AC	8	8	8	8	8	8	8	8	8	8	8			
Rated ultimate short circuit breaking capacity	Icu kA	660-690V AC	10	15	20	36	50	10	15	20	36	50	15		
		480-500V AC	12	20	45	50	70	12	20	45	50	70	20		
		380-415V AC	36	50	70	100	150	36	50	70	100	150	50		
		220-240V AC	50	70	100	120	150	50	70	100	120	150	70		
		250V DC (3 poles serial)	15	20	25	30	36	15	20	25	30	36	20		
Rated service short circuit breaking capacity	Ics kA	660-690V AC	10	15	20	36	50	10	15	20	36	50	15		
		480-500V AC	12	20	45	50	70	12	20	45	50	70	20		
		415V AC	36	50	70	100	150	36	50	70	100	150	50		
		220-240V AC	50	70	100	120	150	50	70	100	120	150	70		
		250V DC (3 poles serial)	15	20	25	30	36	15	20	25	30	36	20		
Category (IEC/EN 60947-2)		A	A	A	A	A	A	A	A	A	A	A			
Pollution degree		3	3	3	3	3	3	3	3	3	3	3			
Electrical life (No. operation)	ON - OFF 415V	4.000-8.000						4.000-8.000						4.000-8.000	
Mechanical life (No. operation)	ON - OFF	20.000						20.000						20.000	
Protection unit		Electronic						Electronic						Electronic	
Protection unit (power & network system protection)		Ir: (0.4-1)xIn, Im: 1.5-10)xIn						Ir: (0.4-1)xIn, Im: 1.5-10)xIn						Ir: (0.4-1)xIn, Im: 2-10)xIn	
Ambient operating temperature	°C	-20 ... +70						-20 ... +70						-20 ... +70	
Ambient storage temperature	°C	-40 ... +80						-40 ... +80						-40 ... +80	
Relative humidity	%	95	95	95	95	95	95	95	95	95	95	95			
Dimensions	Width mm	140	140	140	140	140	140	140	140	140	140	212			
	Length mm	255	255	255	255	255	255	255	255	255	255	310			
	Depth mm	168	168	168	168	168	168	168	168	168	168	165			

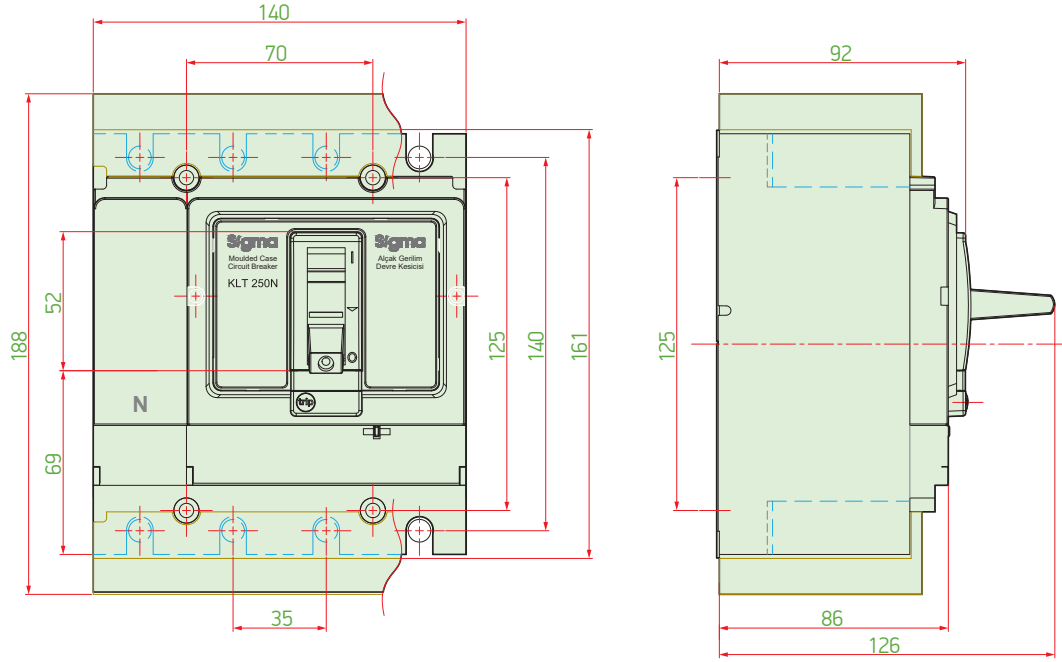
KLE-MLE-SLE-ULE-XLE 250



KLE-MLE-SLE-ULE-XLE 630



KLE-MLE-SLE-ULE-XLE 250N



KLE-MLE-SLE-ULE-XLE 630N

