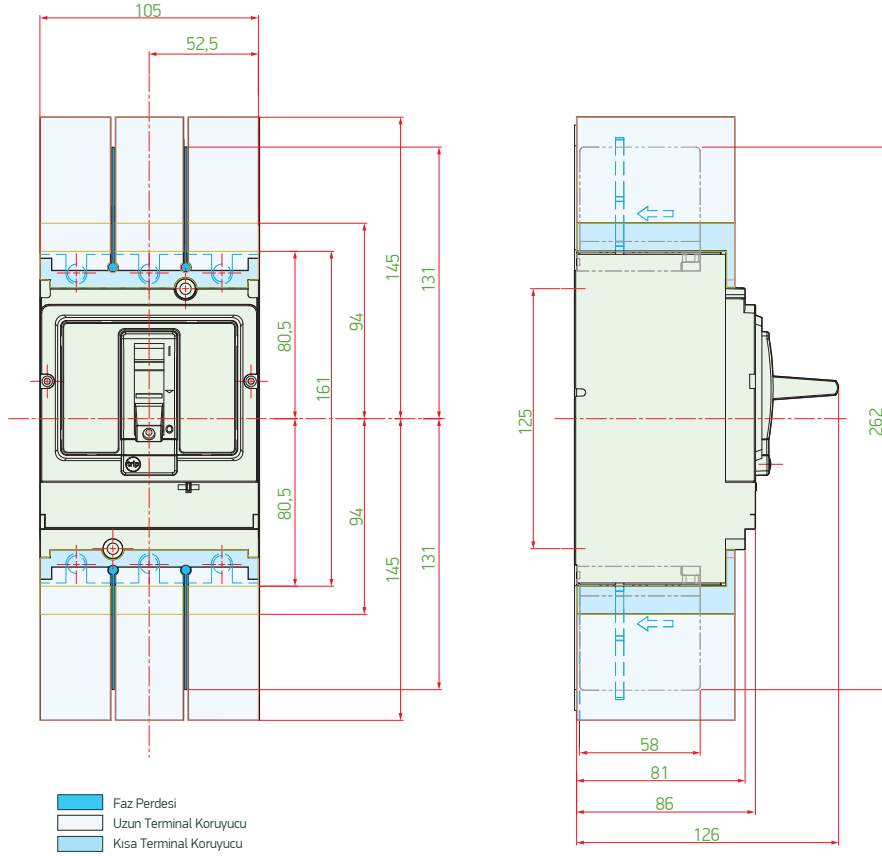


Teknik Özellikler

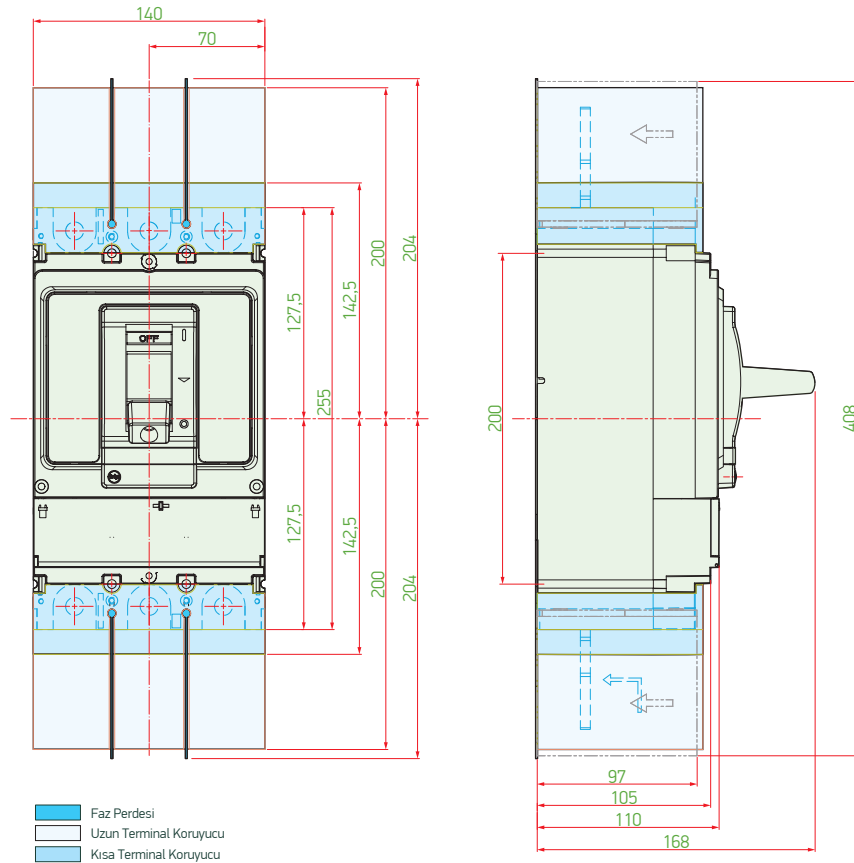
			KLT 160	MLT 160	SLT 160	ULT 160	XLT 160	KLT 250	MLT 250	SLT 250	ULT 250	XLT 250
Standart			IEC / EN 60947-2					IEC / EN 60947-2				
Anma Akımı (40°C de)	A		20, 25, 32, 40, 50, 63, 80, 100, 125, 160					63, 80, 100, 125, 160, 200, 250				
Kutup Sayısı			3	4	3	4	3	4	3	4	3	4
Anma Çalışma Gerilimi	Ue	V AC	800	800	800	800	800	800	800	800	800	800
Anma Yalıtım Gerilimi	Ui	V AC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Anma Yıldırım Darbe Gerilimi	Uimp	kV AC	8	8	8	8	8	8	8	8	8	8
Anma Maksimum Kısa Devre Kesme Kapasitesi	Icu	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 (3P seri)	15	20	25	30	36	15	20	25	30	36
Anma İşletme Kısa Devre Kesme Kapasitesi	Ics	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 (3P seri)	15	20	25	30	36	15	20	25	30	36
Kullanma Kategorisi			A	A	A	A	A	A	A	A	A	A
Kirlenme Derecesi			3	3	3	3	3	3	3	3	3	3
Elektriksel Ömür	ON - OFF	415V	4.000-8.000					4.000-8.000				
Mekanik Ömür	ON - OFF		20.000					20.000				
Koruma Ünitesi			Termik Ayarlı, Manyetik Sabit					Termik Ayarlı, Manyetik Ayarlı				
Koruma Ünitesi Değerleri			Ir: (0,7-1)xIn - Im: 10xIn					Ir: (0,7-1)xIn - Im: (0,5-10)xIn				
Çalışma Ortam Sıcaklığı Aralığı	°C		-20 ... +70					-20 ... +70				
Depolama Ortam Sıcaklığı Aralığı	°C		-40 ... +80					-40 ... +80				
Bağıl Nem	%		95					95				
Ölçüler	En	mm	105	140	105	140	105	140	105	140	105	140
	Boy	mm	161	161	161	161	161	161	161	161	161	161
	Derinlik	mm	126	126	126	126	126	126	126	126	126	126

		KLT 400	MLT 400	SLT 400	ULT 400	XLT 400	KLT 630	MLT 630	SLT 630	ULT 630	XLT 630	MLT 1600		
Standart		IEC / EN 60947-2						IEC / EN 60947-2						IEC / EN 60947-2
Anma Akımı (40°C de)	A	320, 400						500, 630						1000, 1250, 1600
Kutup Sayısı		3	4	3	4	3	4	3	4	3	4	3	4	
Anma Çalışma Gerilimi	Ue V AC	800	800	800	800	800	800	800	800	800	800	800		
Anma Yalıtım Gerilimi	Ui V AC	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
Anma Yıldırım Darbe Gerilimi	Uimp kV AC	8	8	8	8	8	8	8	8	8	8	8		
Anma Maksimum Kısa Devre Kesme Kapasitesi	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 (3P seri)	15	20	25	30	36	15	20	25	30	36	20	
Anma İşletme Kısa Devre Kesme Kapasitesi	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 (3P seri)	15	20	25	30	36	15	20	25	30	36	20	
Kullanma Kategorisi		A	A	A	A	A	A	A	A	A	A	A		
Kirlenme Derecesi		3	3	3	3	3	3	3	3	3	3	3		
Elektriksel Ömür	ON - OFF 415V	4.000-8.000						4.000-8.000						4.000-8.000
Mekanik Ömür	ON - OFF	20.000						20.000						20.000
Koruma Ünitesi		Termik Ayarlı, Manyetik Ayarlı						Termik Ayarlı, Manyetik Ayarlı						Elektronik
Koruma Ünitesi Değerleri		Ir: (0,7-1)xIn - Im: (0,5-10)xIn						Ir: (0,7-1)xIn - Im: (0,5-10)xIn						Ir: (0,7-1)xIn Im: (0,5-10)xIn
Çalışma Ortam Sıcaklığı Aralığı	°C	-20 ... +70						-20 ... +70						-20 ... +70
Depolama Ortam Sıcaklığı Aralığı	°C	-40 ... +80						-40 ... +80						-40 ... +80
Bağıl Nem	%	95						95						95
Ölçüler	En mm	140	140	140	140	140	140	140	140	140	140	212		
	Boy mm	255	255	255	255	255	255	255	255	255	255	310		
	Derinlik mm	168	168	168	168	168	168	168	168	168	168	165		

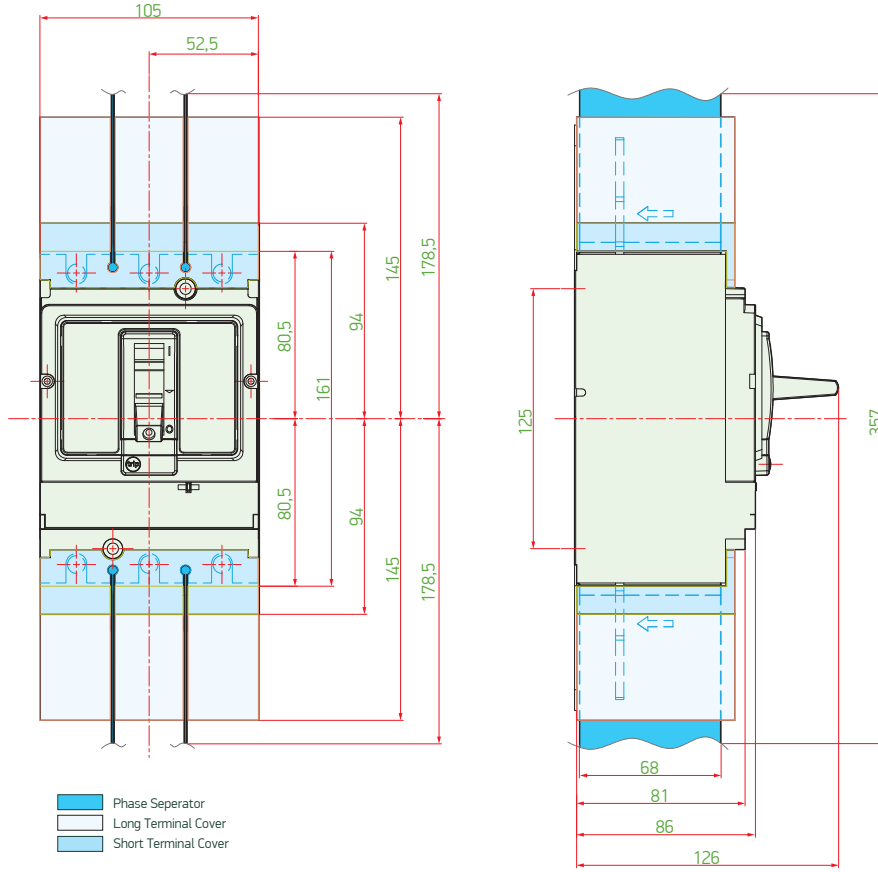
KLT-MLT-SLT-ULT 250



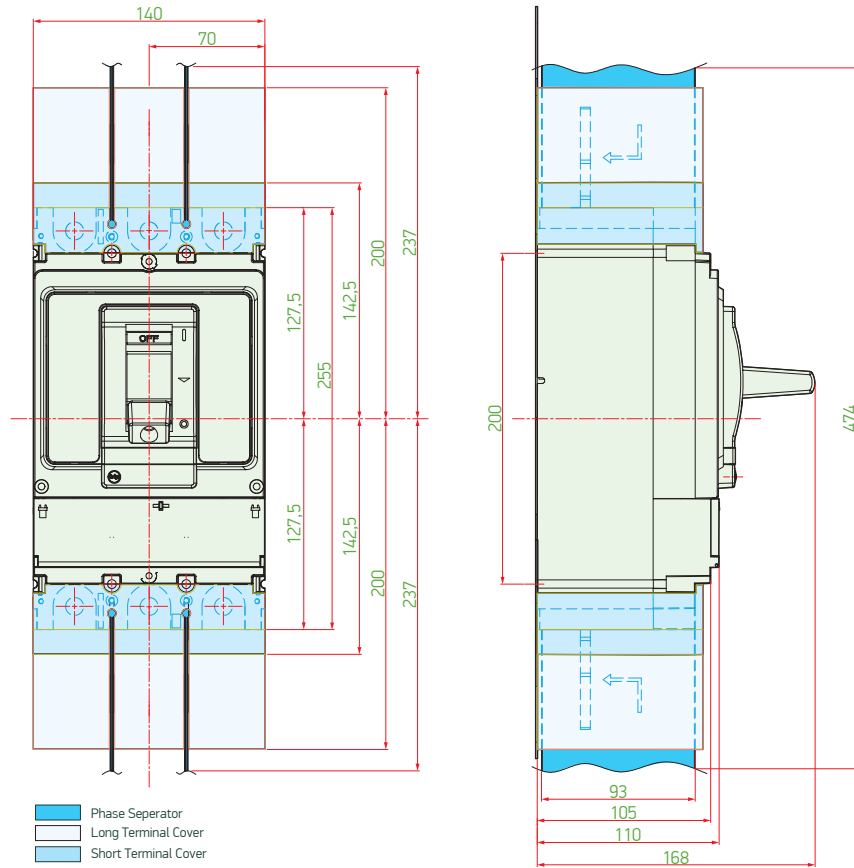
KLT-MLT-SLT-ULT 630



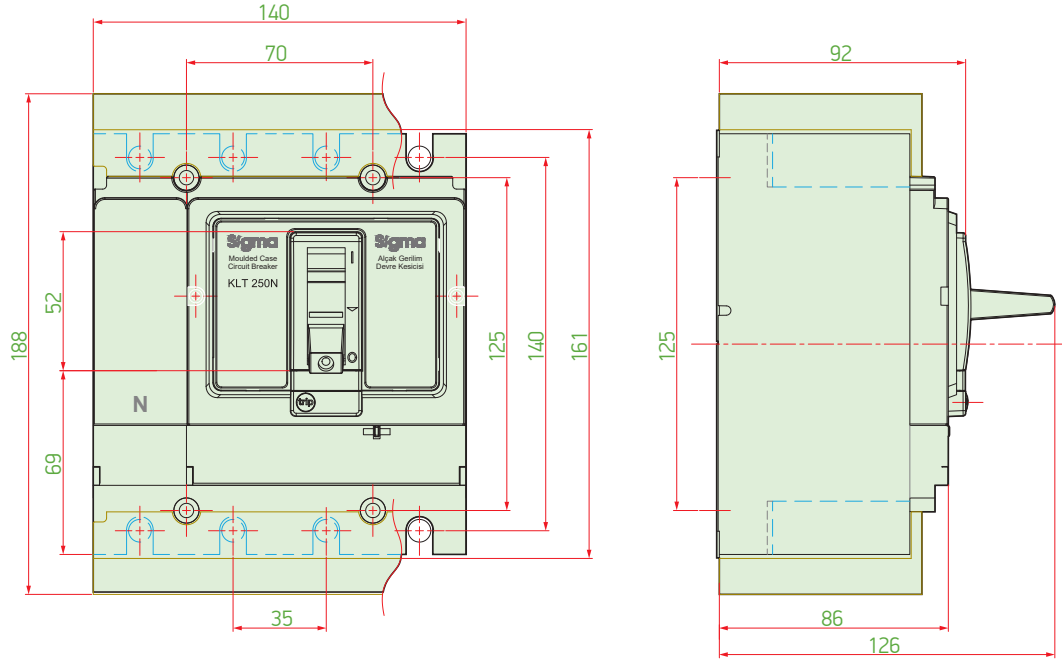
XLT 160 - XLT 250



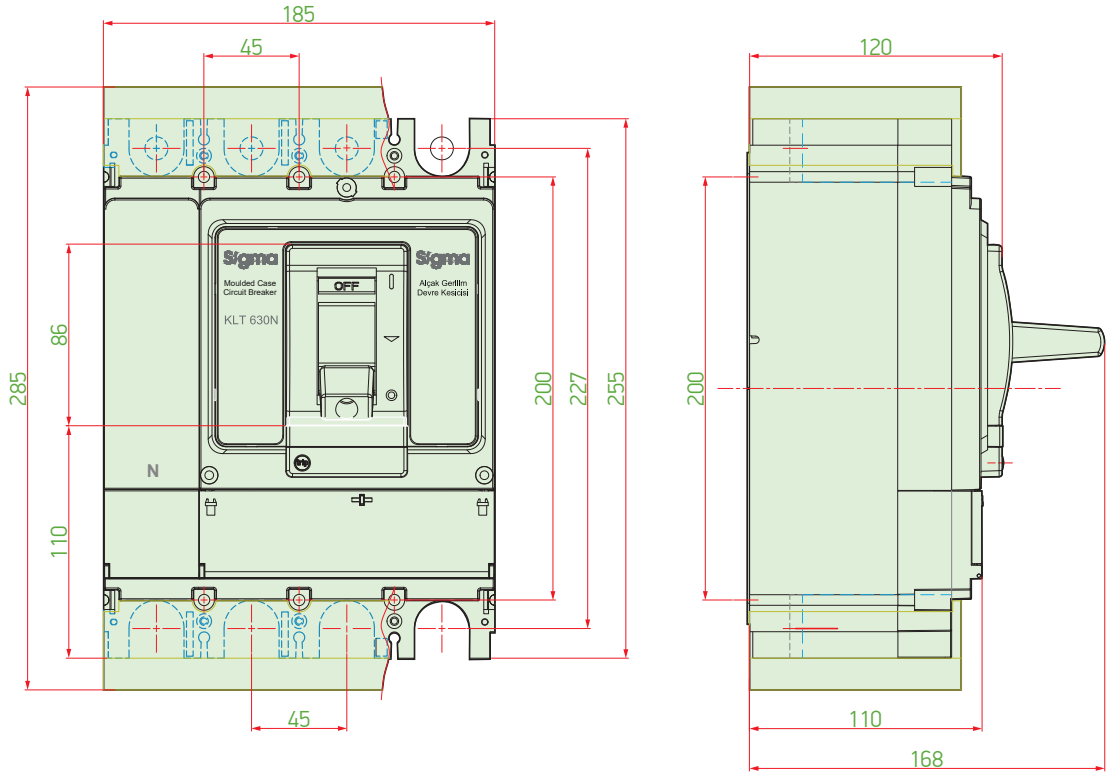
XLT 400 - XLT 630

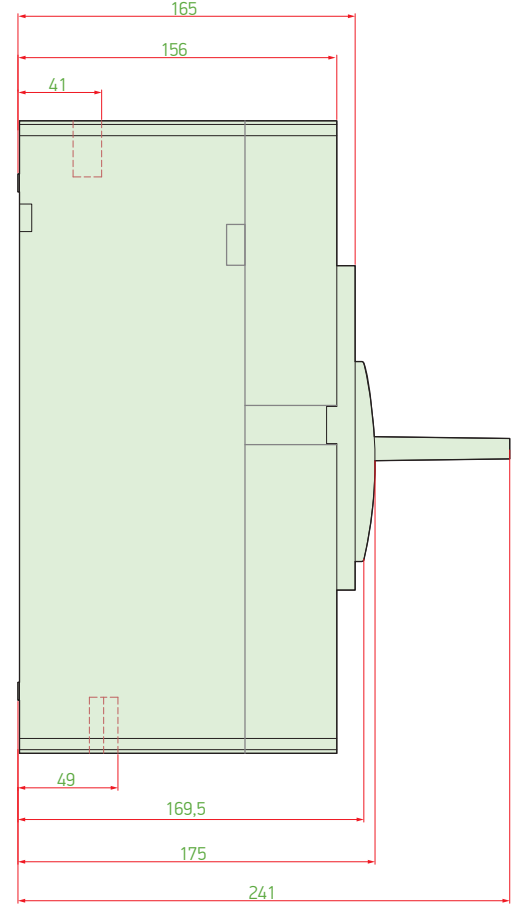
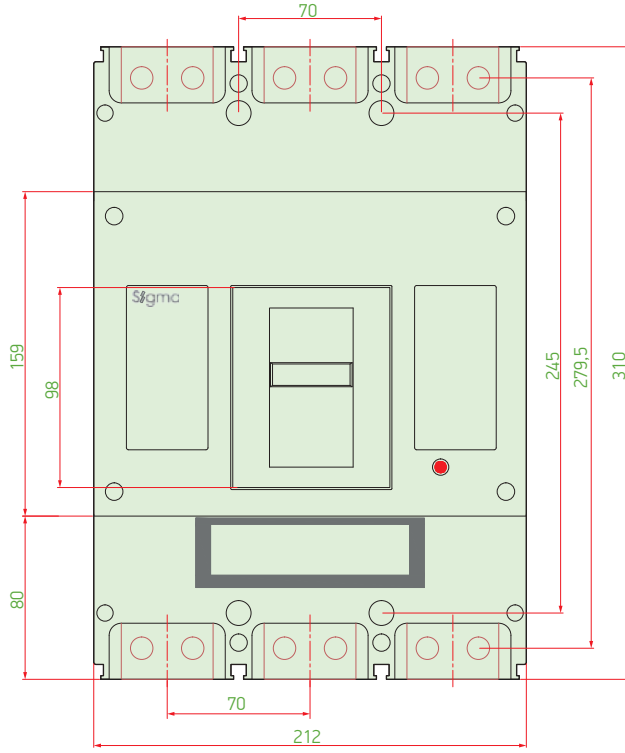


KLT-MLT-SLT-ULT 250N



KLT-MLT-SLT-ULT 630N



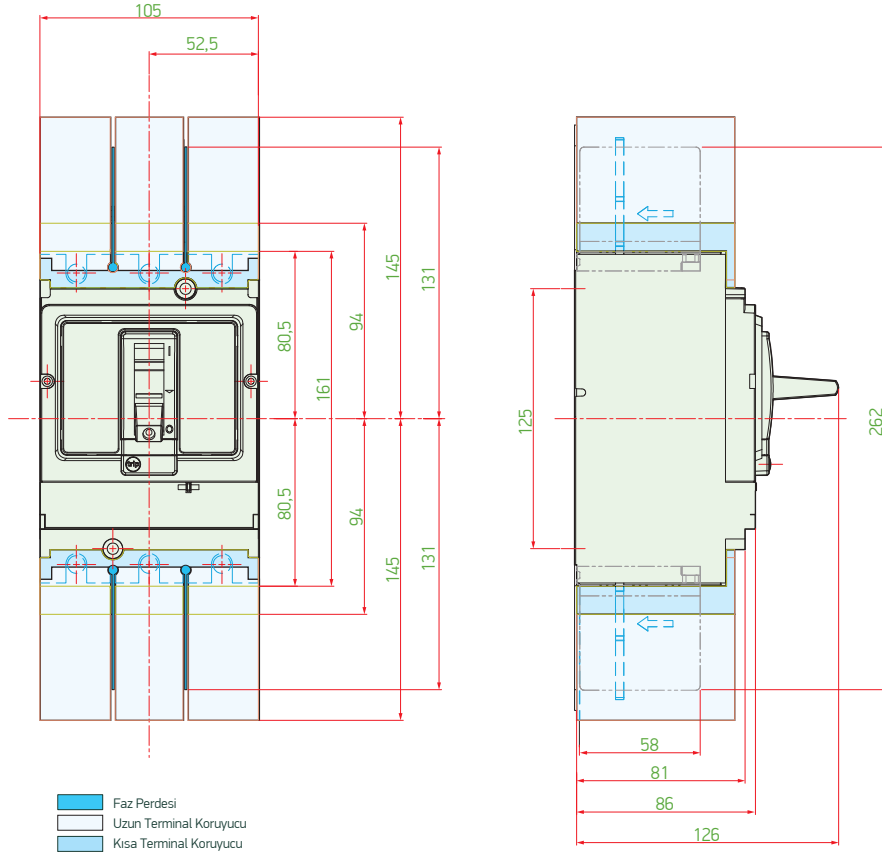
MLT 1600 - MLE 1600

Technical Specifications

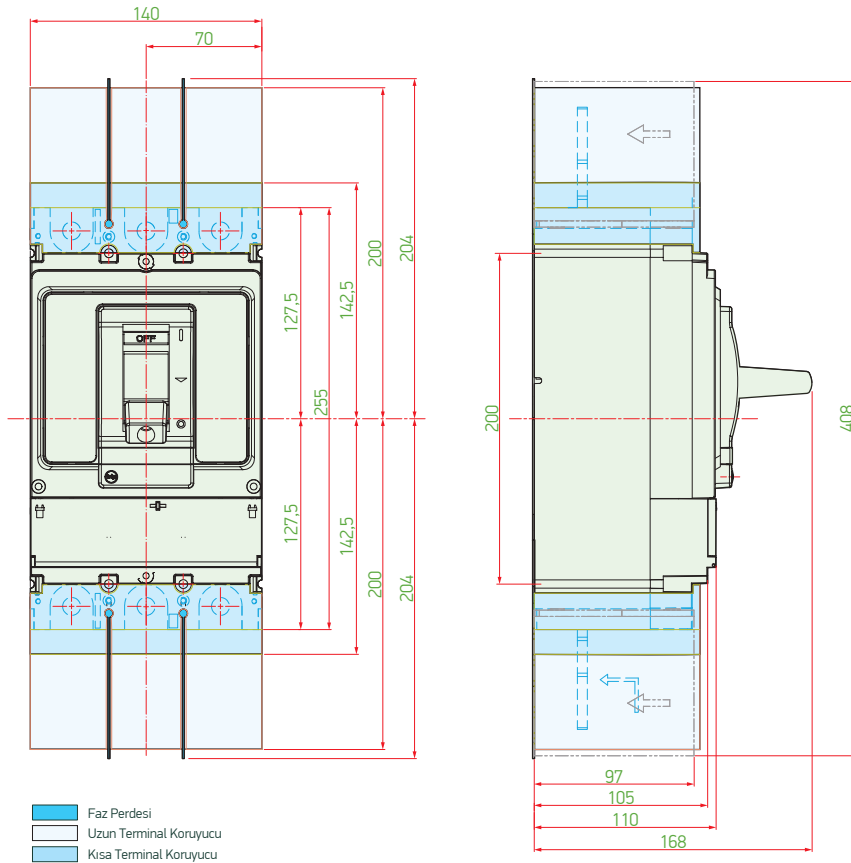
				KLT 160		MLT 160		SLT 160		ULT 160		XLT 160		KLT 250		MLT 250		SLT 250		ULT 250		XLT 250	
Standard				IEC / EN 60947-2										IEC / EN 60947-2									
Rated current In (at 40°C)	A			20, 25, 32, 40, 50, 63, 80, 100, 125, 160										63, 80, 100, 125, 160, 200, 250									
Number of poles				3	4	3	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		800		800		800		800		800		800		800		800	
Rated insulation voltage	Ui	V	AC	1000		1000		1000		1000		1000		1000		1000		1000		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	
Pollution degree				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				Thermal Adjustable - Magnetic Fixed										Thermal - Magnetic Adjustable									
Protection unit (power & network system protection)				Ir: (0,7-1)xIn - Im: 10xIn										Ir: (0,7-1)xIn - Im: (0,5-10)xIn									
Ambient operating temperature	°C			-20 ... +70										-20 ... +70									
Ambient storage temperature	°C			-40 ... +80										-40 ... +80									
Relative humidity	%			95										95									
Dimensions	Width	mm		105	140	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		161	
	Depth	mm		126		126		126		126		126		126		126		126		126		126	

				KLT 400		MLT 400		SLT 400		ULT 400		XLT 400		KLT 630		MLT 630		SLT 630		ULT 630		XLT 630		MLT 1600		
Standard				IEC / EN 60947-2												IEC / EN 60947-2								IEC / EN 60947-2		
Rated current In (at 40°C)	A			320, 400												500, 630								1000, 1250, 1600		
Number of poles				3	4	3	4	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		800		800		800		800		800		800		800		800		800		
Rated insulation voltage	Ui	V	AC	1000		1000		1000		1000		1000		1000		1000		1000		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				Thermal - Magnetic Adjustable												Thermal - Magnetic Adjustable								Electronic		
Protection unit (power & network system protection)				Ir: (0,7-1)xIn - Im: (0,5-10)xIn												Ir: (0,7-1)xIn - Im: (0,5-10)xIn								Ir: (0,7-1)xIn Im: (0,5-10)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		
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		255		310	
	Depth	mm		168	168		168		168		168		168		168		168		168		168		168		165	

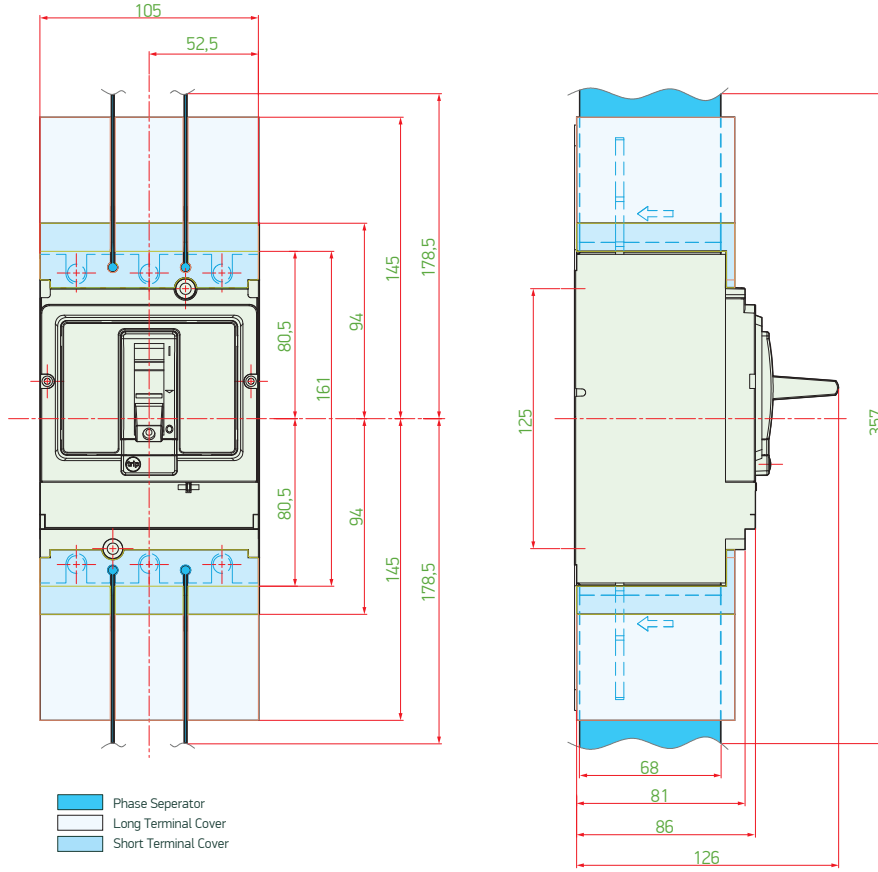
KLT-MLT-SLT-ULT 250



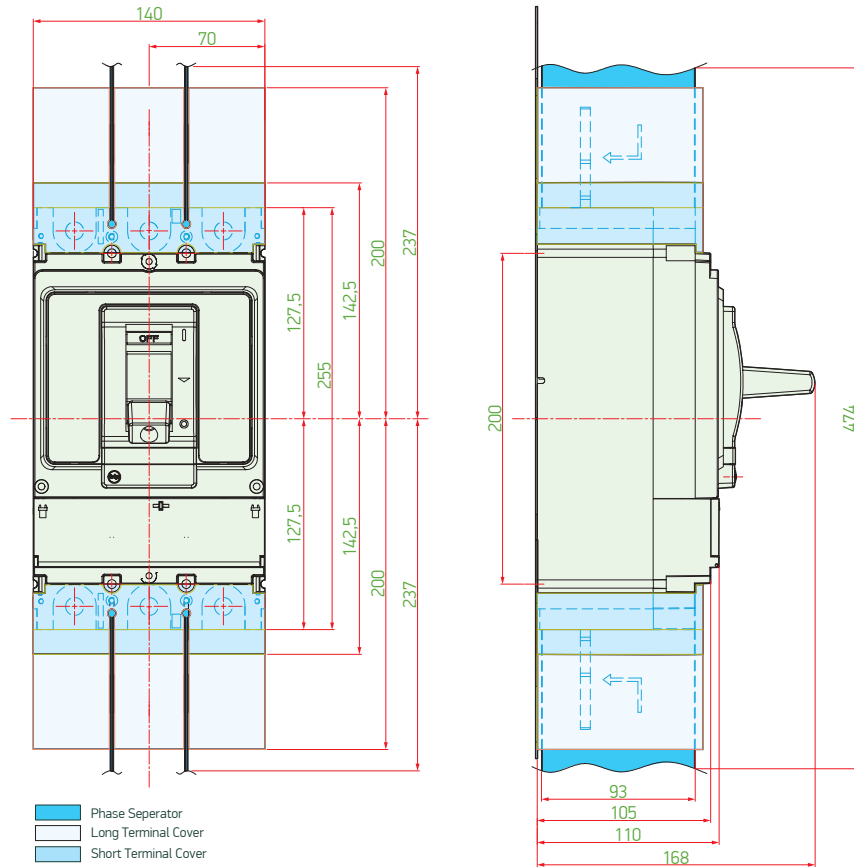
KLT-MLT-SLT-ULT 630



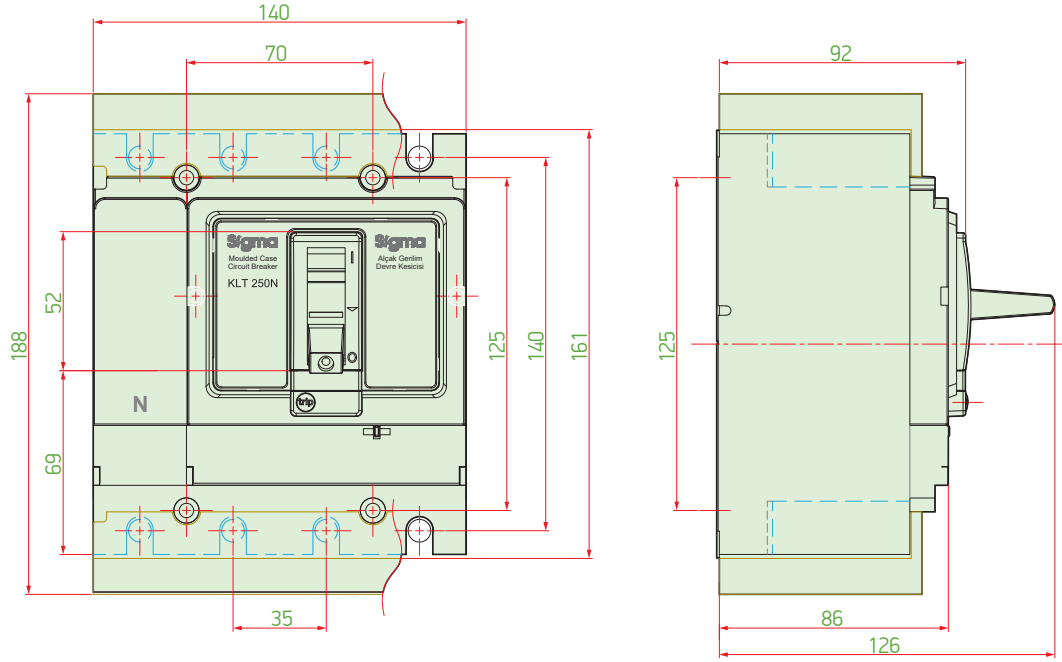
XLT 160 - XLT 250



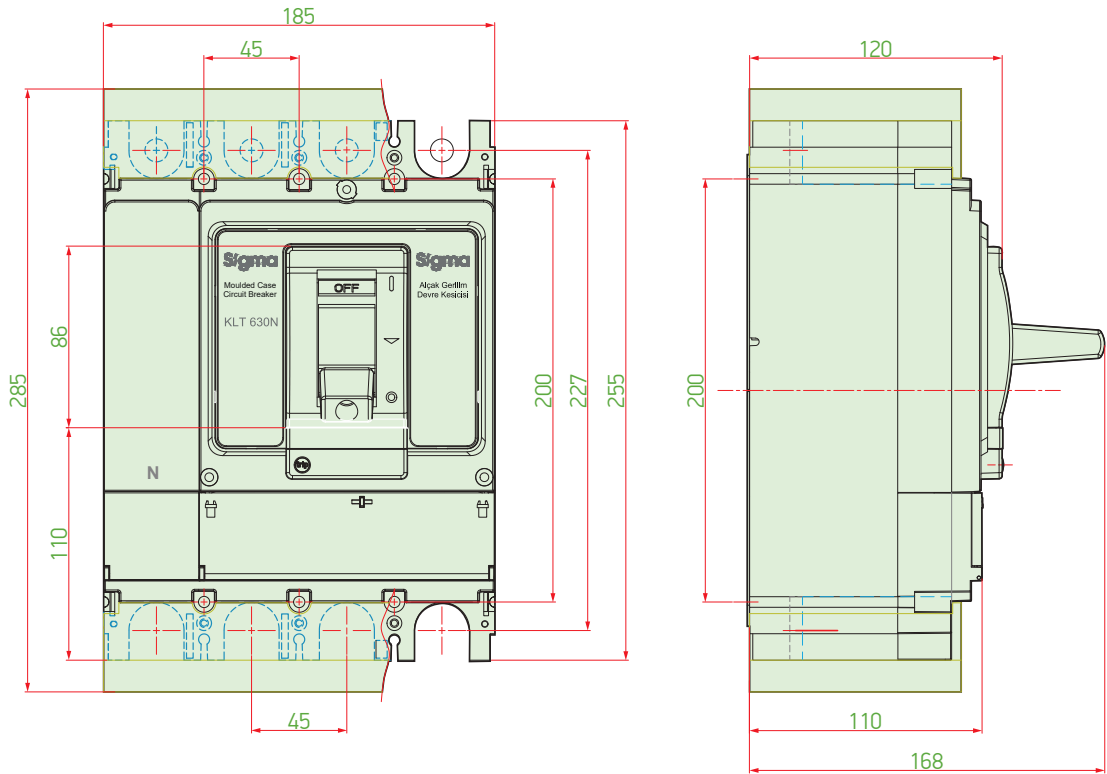
XLT 400 - XLT 630



KLT-MLT-SLT-ULT 250N



KLT-MLT-SLT-ULT 630N



MLT 1600 - MLE 1600

