

Technical Specifications

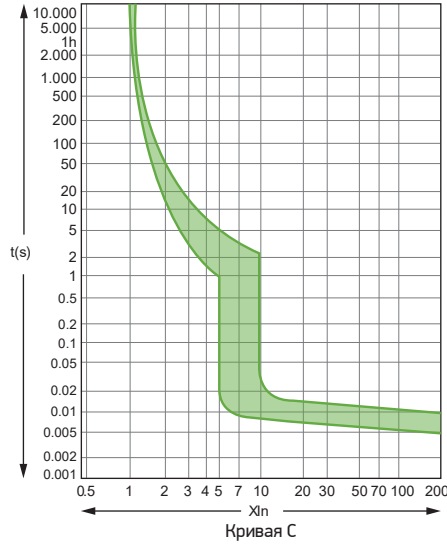
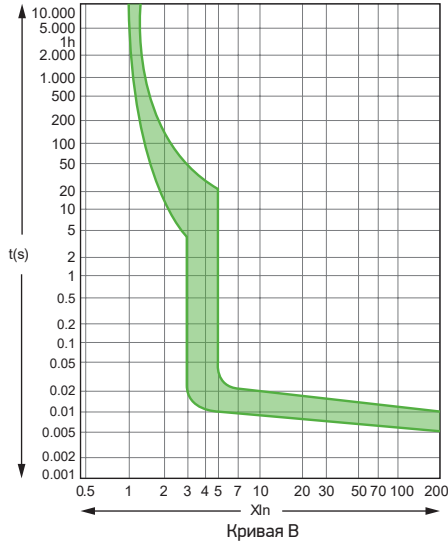
			SND 4500				SND 6000				SKD 6000			
Number of poles			1	2	3	4	1	2	3	4	1	2	3	4
Rated nominal current (at 30°C)	In	A	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63				1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63				80, 100, 125			
Instantaneous tripping class			B : (3-5)xIn C : (5-10)xIn				B : (3-5)xIn C : (5-10)xIn D : (10-20)xIn				C : (5-10)xIn			
Power supply			AC				AC				AC			
Rated operating voltage	Ue	AC (V)	230/400	400			230/400	400			230/400	400		
Rated insulation voltage	Ui	V	750				750				750			
Rated impulse withstand voltage	Uimp	kV	6				6				6			
Rated short circuit capacity	Icn	kA	4,5				6				6			
Energy limiting class			3				3				3			
Electrical life (No. operation)	op.	230 V	4.000				6.000				5.000			
Mechanical life (No. operation)	op.		20.000				20.000				20.000			
Protection class			IP 20				IP 20				IP 20			
Operating temperature		°C	-30 to +60				-30 to +60				-30 to +60			
Storage temperature		°C	-40 to +70				-40 to +70				-40 to +70			
Relative Humidity			90%				90%				90%			
Assembly (EN 60715)			35 mm. DIN Rail				35 mm. DIN Rail				35 mm. DIN Rail			
Min. Max. Connection section		mm²	1 – 25				1 – 25				25 – 50			
Max. Clamping torque		Nm	2				2				3,5			

			SMD 10000				SLD 10000				SND 16000	
Number of poles			1	2	3	4	1	2	3	4	1	
Rated nominal current (at 30°C)	In	A	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63				80, 100, 125				40, 50, 63, 80, 100, 125	
Instantaneous tripping class			B : (3-5)xIn C : (5-10)xIn D : (10-20)xIn				C : (5-10)xIn				C : (5-10)xIn	
Power supply			AC				AC				AC	
Rated operating voltage	Ue	AC (V)	230/400	400			230/400	400			230/400	
Rated insulation voltage	Ui	V	750				750				750	
Rated impulse withstand voltage	Uimp	kV	6				6				6	
Rated short circuit capacity	Icn	kA	10				10				16	
Energy limiting class			3				3				3	
Electrical life (No. operation)	op.	230 V	6.000				5.000				4.000	
Mechanical life (No. operation)	op.		20.000				20.000				15.000	
Protection class			IP 20				IP 20				IP 20	
Operating temperature		oC	-30 to +60				-30 to +60				-30 to +60	
Storage temperature		oC	-40 to +70				-40 to +70				-40 to +70	
Relative Humidity			90%				90%				90%	
Assembly (EN 60715)			35 mm. DIN Rail				35 mm. DIN Rail				35 mm. DIN Rail	
Min. Max. Connection section		mm²	1 – 25				25 – 50				2,5 – 50	
Max. Clamping torque		Nm	2				3,5				3,5	

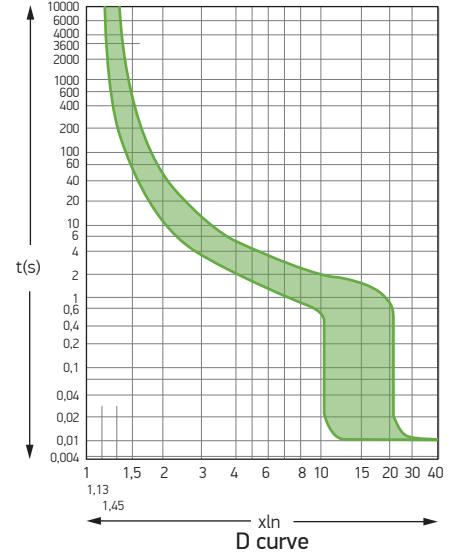
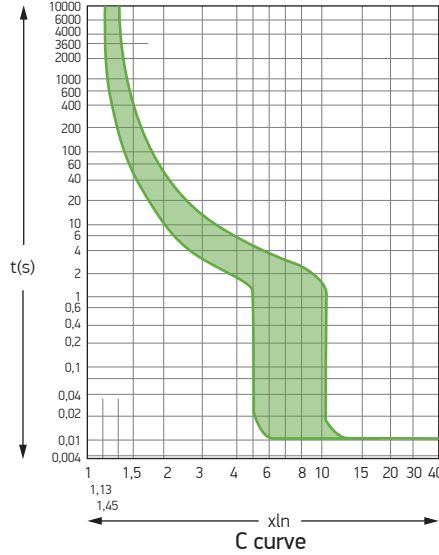
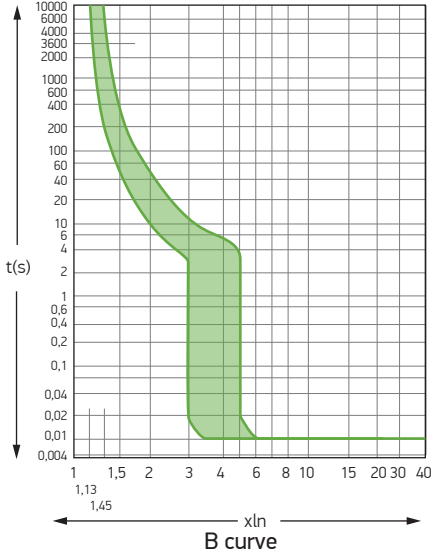
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Time- Current Characteristic

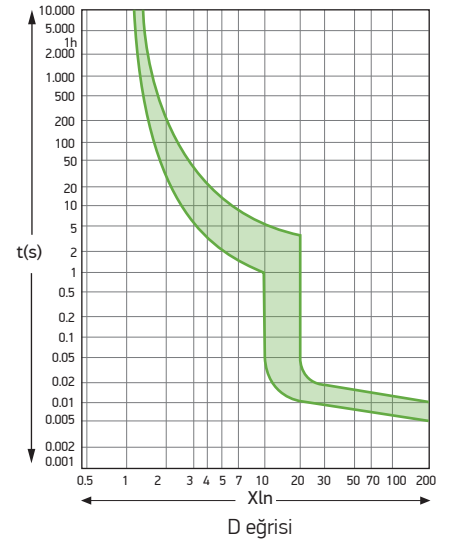
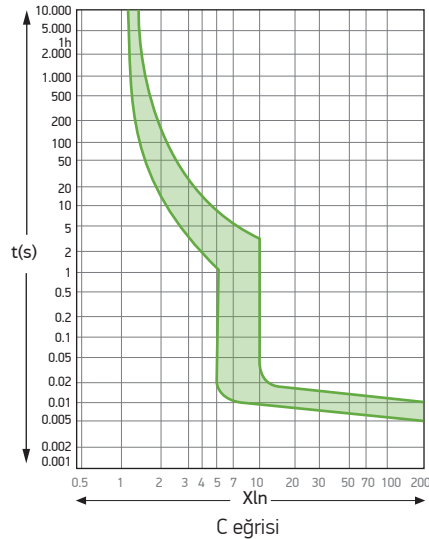
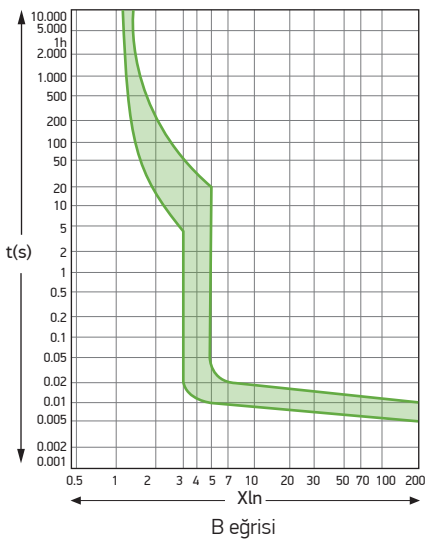
SND 4500



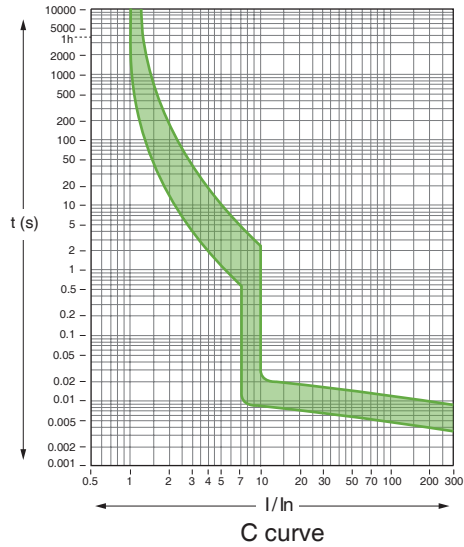
SND 6000



SMD 10000 (TÜV Approved)

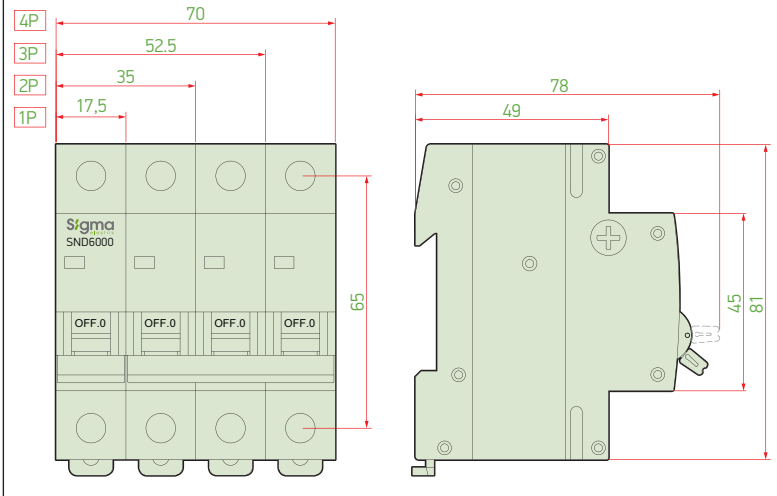


SKD 6000

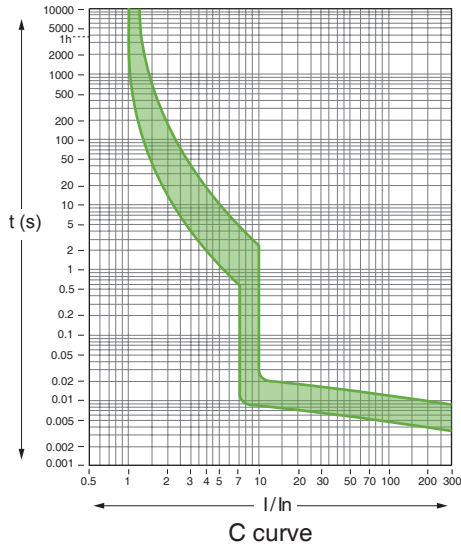


Dimensions

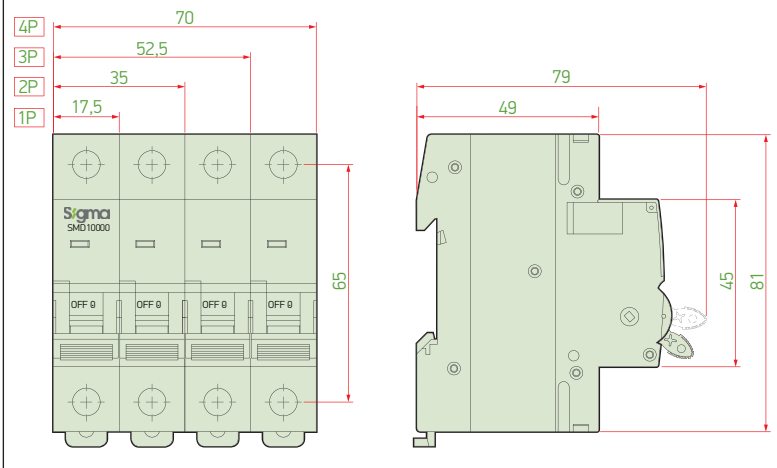
4,5kA-6kA (1A-63A) [SND 4500, SND 6000], (80A-100A-125A) [SKD 6000]



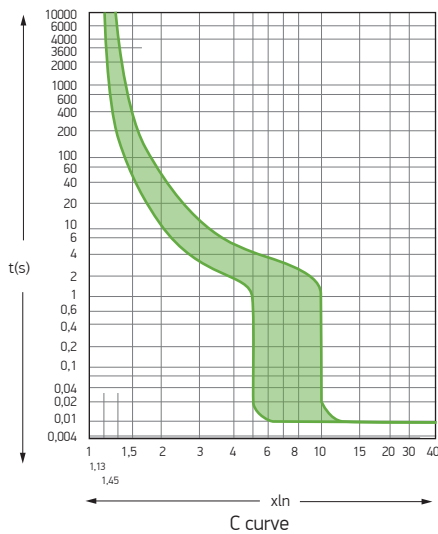
SLD 10000



10 kA (2A-63A) [SMD 10000]



SND 16000



6kA - 10kA (80A-100A-125A) [SLD 10000]

