

# Technical specifications

Types		L Module	F Module	C Module	M Module	LLF – 3 Unit	LLC – 3 Unit		
Rated operational voltage		24 kV – 36 kV	24 kV – 36 kV	24 kV – 36 kV	24 kV – 36 kV	24 kV – 36 kV	24 kV – 36 kV		
Rated current		630 A	200 A	630 A	630 A (ATR unit)	200/630 A	630 A		
Rated short-term withstand current*	24 kV	21 kA/3 sec	-	21 kA/3 sec	16 kA/1 sec	21 kA/3 sec	21 kA/3 sec		
	36 kV	16 kA/1–3 sec	-	16 kA/1–3 sec	16 kA/1 sec	16 kA/1–3 sec	16 kA/1–3 sec		
Short-circuit breaking current (rms)*	24 kV	-	20 kA	21 kA	-	<b>L</b>	<b>F</b>	<b>L</b>	<b>C</b>
		-	20 kA	-	21 kA	-	21 kA		
	36 kV	-	16 kA	16 kA	-	16 kA		16 kA	
Short-circuit making current (kA/peak)*	24 kV	52.5 kA	50 kA	52.5 kA	-	<b>L</b>	<b>F</b>	<b>L</b>	<b>C</b>
						52.5 kA	50 kA	52.5 kA	52.5 kA
	36 kV	40 kA	40 kA	40 kA	-	<b>L</b>	<b>F</b>	<b>L</b>	<b>C</b>
						40 kA	40 kA	40 kA	40 kA
Internal arc resistance*	24 kV	20 kA/1 sec AFL	20 kA/1 sec AFL	20 kA/1 sec AFL	20 kA/1 sec AFL	20 kA/1 sec AFL	20 kA/1 sec AFL		
	36 kV	16 kA/1 sec AFL	16 kA/1 sec AFL	16 kA/1 sec AFL	16 kA/1 sec AFL	16 kA/1 sec AFL	16 kA/1 sec AFL		
Power frequency withstand voltage (1 min/rms)	24 kV	50–60 kV							
	36 kV	70–80 kV							
Lightning impulse voltage (kV/peak)	24 kV	125–145 kV							
	36 kV	170–195 kV							
Degree of protection	Enclosure	IP 3X	IP 3X	IP 3X	IP 3X	IP 3X	IP 3X		
	SF <sub>6</sub> tank	IP67	IP67	IP67		IP67	IP67		