

General characteristics

		A0			A1				A2				A3				
Frame size	[A]	100			125				250				400/630				
Rated current, I _n	[A]	30...100			15...125				125...250				320...630				
Poles	[Nr]	3			1, 2, 3, 4				2, 3, 4				3, 4				
Rated service voltage, U _e (AC) 50-60 Hz	[V]	415 (3p)			550 (2p-3p-4p); 415 (1p)				550 (2p-3p-4p)				550				
	(DC)	[V]	-			250 (2p-3p-4p); 125 (1p)				250 (2p-3p-4p)				250			
Rated insulation voltage, U _i	[V]	690			690				690				690				
Rated impulse withstand voltage, U _{imp}	[kV]	6			6				6				6				
Versions		Fixed			Fixed				Fixed				Fixed				
Performance Level		A	B	C	A	B	C	N			B	C	N		N	S	
Poles	[Nr]	3	3	3	3/4	3/4	1	3/4	1	2	3/4	3/4	3/4	2	3/4	3/4	3/4
Rated ultimate short-circuit breaking capacity, I_{cu}																	
I _{cu} @ 240 V 50-60 Hz (AC)	[kA]	7.5	10	10	10	25	18	30	25	50	100	25	50	50	85	85	100
I _{cu} @ 380 V 50-60 Hz (AC)	[kA]	5	7.5	10	10	18	2.5	25	5	36	36 ⁽⁵⁾	18	25	36	36	36	50
I _{cu} @ 415 V 50-60 Hz (AC)	[kA]	5	7.5	10	10	18	2.5	25	5	36	36 ⁽⁵⁾	18	25	36	36	36	50
I _{cu} @ 440 V 50-60 Hz (AC)	[kA]	-	-	-	8	15	-	20	-	25	25	15	20	25	25	36	50
I _{cu} @ 480 V 50-60 Hz (AC)	[kA]	-	-	-	7.5	10	-	15	-	18	18	15	18	18	25	25	35
I _{cu} @ 500 V 50-60 Hz (AC)	[kA]	-	-	-	5	5	-	8	-	10	10	5	8	10	10	20	25
I _{cu} @ 550 V 50-60 Hz (AC)	[kA]	-	-	-	5	5	-	8	-	10	10	5	8	10	10	15	20
I _{cu} @ 125 V (DC) 1 pole	[kA]	-	-	-	-	-	5	-	10	-	-	-	-	-	-	-	-
I _{cu} @ 250 V (DC) 2 poles in series	[kA]	-	-	-	5	5	-	10	-	10	10	18	25	10	36	36	50
Rated short-circuit service breaking capacity, I_{cs}																	
I _{cs} @ 240 V 50-60 Hz (AC)	[kA]	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
I _{cs} @ 380 V 50-60 Hz (AC)	[kA]	100%	50% ⁽⁶⁾	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
I _{cs} @ 415 V 50-60 Hz (AC)	[kA]	100%	50% ⁽⁶⁾	50%	50%	50%	25% ⁽²⁾	25%	25%	25%	25%	50%	50%	50%	50%	50%	50%
I _{cs} @ 440 V 50-60 Hz (AC)	[kA]	-	-	-	50%	25% ⁽¹⁾	-	25%	-	25%	25%	50%	50%	50%	50%	50%	50%
I _{cs} @ 480 V 50-60 Hz (AC)	[kA]	-	-	-	50%	50%	-	25% ⁽¹⁾	-	25%	25% ⁽¹⁾	50%	50%	50%	50%	50%	50%
I _{cs} @ 500 V 50-60 Hz (AC)	[kA]	-	-	-	50%	50%	-	25% ⁽³⁾	-	25%	25%	50%	50%	50%	50%	50%	50%
I _{cs} @ 550 V 50-60 Hz (AC)	[kA]	-	-	-	50%	50%	-	25% ⁽³⁾	-	25%	25%	50%	50%	50%	50%	50%	50%
I _{cs} @ 250 V (DC) 2 poles in series	[kA]	-	-	-	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%

(1) 5kA; (2) 9kA; (3) 2.5kA; (4) Special version; (5) I_n=15A, I_{cu}=30kA; (6) 5kA