

SOFTSTARTERS TYPE PSR AND PSRC

Short circuit rating

UL short circuit rating



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1. Fuses

Soft-starter Type	Standard Fault Current						High Fault Current		
	208V	220-240V	440-480V	550-600V	Fuse Max(A)	Fuse type	208-600V	Fuse Max(A)	Fuse type
PSR3	1kA	1kA	5kA	5kA	35	RK5	85kA	35	Class J Time delayed
PSR6		5kA							
PSR9 PSR12 PSR16	5kA		5kA	5kA	5kA	35	RK5	85kA	35
PSR25 PSR30	5kA				60	RK5	85kA	60	Class J Time delayed
PSR37 PSR45	5kA				100	RK5	85kA	100	Class J Time delayed
PSR60	5kA				225	RK5	85kA	225	Class J Time delayed
PSR72	5kA			10kA					
PSR85	5kA	10kA							
PSR105									

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2. Breakers, Standard fault current

Soft-starter Type	208V	220-240V	440-480V	550-600V	MCCB type [ABB SACE]	MCCB Max(A)	Thermal Release Max(A)	Elect. Release Max(A)				
PSR3	1kA	1kA	5kA		XT2N	125	60	60				
PSR6		5kA			XT2S							
PSR9	5kA				XT2H							
PSR12		XT2L										
PSR16		XT2V										
PSR25	5kA				XT2N	125	125	125				
PSR30	XT2S											
	XT2H											
	XT2L											
	5kA				T3S150MW	150	-	-				
PSR37					XT2N	125	125	125				
PSR45					XT2S							
					XT2H							
	XT2L											
	5kA				XT4N	250	200	200				
					XT4S							
					XT4H							
					XT4L							
PSR60	5kA				XT2N	125	125	125				
PSR72	5kA		10kA	XT2S								
PSR85	5kA	10kA		XT2H								
PSR105	5kA		10kA	XT2L								
	5kA				XT2V							
PSR60					5kA				XT4N	150	150	150
PSR72					5kA		10kA	XT4S				
PSR85					5kA	10kA		XT4H				
PSR105	5kA		10kA	XT4L								
	5kA				XT4V	250	250	250				

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3. Breakers, High fault current

Soft-starter Type	208 V	220-240V	440-480V	550-600V	MCCB type [ABB SACE]	MCCB Max(A)	Thermal Release Max(A)	Elect. Release Max(A)	
PSR3 PSR6 PSR9 PSR12 PSR16	42kA		25kA	18kA	XT2N	125	40	40	
			35kA	22kA	XT2S				
			42kA	25kA	18kA				XT2H
				35kA	22kA				XT2L
				42kA	18kA				XT2V
PSR25 PSR30	30kA		25kA	18kA	XT2N	125	70	70	
			30kA	22kA	18kA				XT2S
				25kA	18kA				XT2H
				30kA	XT2L				
					XT2V				
PSR37 PSR45	30kA		25kA	18kA	XT2N	125	125	125	
			30kA	22kA	18kA				XT2S
				25kA	18kA				XT2H
				30kA	XT2L				
					XT2V				
PSR60 PSR72 PSR85 PSR105	30kA		25kA	18kA	XT2N	125	125	125	
			30kA	22kA	18kA				XT2S
				25kA	18kA				XT2H
				30kA	XT2L				
					XT2V				
PSR60 PSR72 PSR85	30kA		25kA	18kA	XT4N	250	150	150	
			30kA	22kA	18kA				XT4S
				25kA	18kA				XT4H
				30kA	XT4L				
					XT4V				
PSR105	30kA		25kA	18kA	XT4N	250	250	250	
			30kA	22kA	18kA				XT4S
				25kA	18kA				XT4H
				30kA	XT4L				
					XT4V				

4. Manual motor starter (MMS), Standard fault current

Soft-starter Type	208 V	220-240V	440-480V	550-600V	MMS type [ABB]	MMS Max(A)
PSR3	1kA	1kA	5kA		MS116-xx MS132-xx MS165-xx	16
PSR6		5kA				
PSR9 PSR12 PSR16						
PSR25 PSR30	5kA					
PSR37 PSR45	5kA			MS165-xx	54	
PSR60	5kA			MS165-xx	80	
PSR72	5kA		10kA			
PSR85 PSR105	5kA	10kA				MS495-xx

5. Manual motor starters (MMS), High fault current

Soft-starter Type	480V	600V	MMS type [ABB]	MMS Max(A)
PSR3	18	-	MS116-xx	16
PSR6 PSR9 PSR12 PSR16	65	30	MS132-4.0 to MS132-10	10
	35	30	MS132-12 to MS132-16	16
	65	30	MS165-16	16
PSR25 PSR30	18	-	MS116-xx	32
	35	30	MS132-xx	32
	65	30	MS165-xx	32
PSR37 PSR45	65	30	MS165-xx	54
PSR60 PSR72 PSR85	65	30	MS165-xx	80
PSR105	65	30	MS495-xx	100