

Technical data

Table 1 Motor reactors for Power Modules 3-ph. 380 V to 480 V AC, frame size FSA

		Motor reactor (for a 4 kHz pulse frequency)				
Order number		6SE6400-3TC00-4AD2				
Frame size		FSA	FSA	FSA	FSA	FSA
Suitable for Power Module		6SL3210-1SE 11-3UA0	6SL3210-1SE 11-7UA0	6SL3210-1SE 12-2UA0	6SL3210-1SE 13-1UA0	6SL3210-1SE 14-1UA0
Rated current	A	4.5				
Power loss	kW	0.005				
Connection to the Power Module		Cable 4 x 1.5 mm ² Length approx. 0.3 m				
Motor connection		Screw terminals for cable cross-section 6 mm ²				
PE connection		M5 stud				
Max. permissible cable length between motor reactor and motor	m	100 (shielded) 150 (unshielded)				
Degree of protection		IP20 or IPXXB				
Weight, approx.	kg	2				
Rated current I_{rated} of the Power Module	A	1.3	1.7	2.2	3.1	4.1

Table 2 Motor reactors for Power Modules 3-ph. 380 V to 480 V AC, frame sizes FSB and FSC

		Motor reactor (for a 4 kHz pulse frequency)					
Order number		6SL3202-0AE21-0CA0			6SL3202-0AJ23-2CA0		
Frame size		FSB	FSB	FSB	FSC	FSC	FSC
Suitable for Power Module 6SL3210-		1SE16-0xxx	1SE17-7xxx	1SE21-0xxx	1SE21-8xxx	1SE22-5xxx	1SE23-2xxx
Rated current	A	10			25		
Power loss	kW	0.02			0.06		
Connection to the Power Module		Cable 4 x 1.5 mm ² Length approx. 0.4 m			Cable 4 x 1.5 mm ² Length approx. 0.35 m		
Motor connection		Screw-type terminals for cable cross-section 6 mm ²			Screw-type terminals for cable cross-sections 2.5 mm ² to 10 mm ²		
PE connection		M5 stud			M5 stud		

		Motor reactor (for a 4 kHz pulse frequency)					
Order number		6SL3202-0AE21-0CA0			6SL3202-0AJ23-2CA0		
Max. permissible cable length between motor reactor and motor	m	100 (shielded) 150 (unshielded)					
Degree of protection		IP20 or IPXXB					
Weight, approx.	kg	4.5			9		
Rated current I_{rated} of the Power Module	A	5.9	7.7	10	18	25	32

Table 3 Motor reactors for Power Modules 3-ph. 380 V to 480 V AC, frame sizes FSD and FSE

		Motor reactor (for a 4 kHz pulse frequency)				
Order no. 6SE6400-		3TC05-4DD0	3TC03-8DD0	3TC05-4DD0	3TC08-0ED0	3TC07-5ED0
Frame size		FSD	FSD	FSD	FSE	FSE
Suitable for Power Module 6SL3210- 6SL3215-		1SE23-8xxx 1SE23-8UAX	1SE24-5xxx	1SE26-0xxx 1SE26-0UAX	1SE27-5xxx 1SE27-5UAX	1SE31-0xxx 1SE31-0UAX
Rated current	A	68	45	68	104	90
Power loss	kW	0.2	0.2	0.2	0.17	0.27
Connection to the Power Module		Flat connector for M6 cable lug				
Motor connection		Flat connector for M6 cable lug				
PE connection		M6 screw				
Max. permissible cable length between motor reactor and motor	m	200 (shielded) 300 (unshielded)				
Degree of protection		IP00				
Weight, approx.	kg	11.5	19	11.5	12	27
Rated current I_{rated} of the Power Module	A	38	45	60	75	90

Table 4 Motor reactors for Power Modules 3-ph. 380 V to 480 V AC, frame size FSF

		Motor reactor (for a 4 kHz pulse frequency)		
Order no. 6SE6400-		3TC14-5FD0	3TC15-4FD0	3TC14-5FD0
Frame size		FSF	FSF	FSF

		Motor reactor (for a 4 kHz pulse frequency)		
Order no. 6SE6400-		3TC14-5FD0	3TC15-4FD0	3TC14-5FD0
Suitable for Power Module 6SL3210- 6SL3215-		1SE31-1xxx 1SE31-1UAx	1SE31-5xxx	1SE31-8xxx 1SE31-8UAx
Rated current	A	178	178	178
Power loss	kW	0.47	0.25	0.47
Connection to the Power Module		Flat connector for M8 cable lug		
Motor connection		Flat connector for M8 cable lug		
PE connection		M8 screw		
Max. permissible cable length between motor reactor and motor	m	200 (shielded) 300 (unshielded)		
Degree of protection		IP00		
Weight, approx.	kg	57	24	57
Rated current I_{rated} of the Power Module	A	110	145	178