

MS116 Motorschutzschalter

Technische Daten

Main circuit – Utilization characteristics according to UL/CSA

Type	MS116		
Standards	UL 508, CSA 22.2 No. 14		
Maximum operational voltage	600 V AC		
Manual motor controller ratings	See table "UL 508 – Manual motor controller"		
Trip rating	125 % FLA		
Motor ratings	Horse power	See table "Motor rating, three phase"	
	Full load amps (FLA)	See table "Motor rating, three phase"	
	Locked rotor amps (LRA)	See table "Motor rating, three phase"	

Motor rating, three phase

hp Horse power

FLA Full load amps

LRA Locked rotor amps

Typ	110-120 V AC			220-240 V AC			440-480 V AC			500-600 V AC		
	hp	FLA	LRA	hp	FLA	LRA	hp	FLA	LRA	hp	FLA	LRA
MS116-0.16	-	0.16	0.96	-	0.16	0.96	-	0.16	0.96	-	0.16	0.96
MS116-0.25	-	0.25	1.5	-	0.25	1.5	-	0.25	1.5	-	0.25	1.5
MS116-0.4	-	0.4	2.4	-	0.4	2.4	-	0.4	2.4	-	0.4	2.4
MS116-0.63	-	0.63	3.78	-	0.63	3.78	-	0.63	3.78	-	0.63	3.78
MS116-1.0	-	1.0	6.0	-	1.0	6.0	-	1.0	6.0	1/2	0.9	8
MS116-1.6	-	1.6	9.6	-	1.6	9.6	3/4	1.6	12.5	3/4	1.3	10
MS116-2.5	-	2.5	15.0	1/2	2.2	20	1	2.1	15	1-1/2	2.4	16
MS116-4.0	-	4.0	16.0	1	4.2	30	2	3.4	25	3	3.9	25.6
MS116-6.3	1/2	4.4	40	1-1/2	6.4	40	3	4.8	32	5	6.1	36.8
MS116-10	1	8.4	60	3	9.6	64	5	7.6	46	7-1/2	9	50.8
MS116-12	1-1/2	12	80	3	9.6	64	7-1/2	11	63.5	10	11	64.8
MS116-16	2	13.6	100	5	15.2	92	10	14	81	10	11	64.8
MS116-20	3	19.2	128	5	15.2	92	10	14	81	15	17	93
MS116-25	3	19.2	128	7-1/2	22	127	15	21	116	20	22	116
MS116-32	5	30.4	184	10	28	162	20	27	145	25	27	146

UL 508 – Manual motor controller

Type	Maximum fuse type K5 o. RK5 per UL/NEC		Maximum short-circuit current for motor disconnect ¹⁾			
	480 V / 600 V		480 V		for group installation	
	A	kA	600 V kA	480 V kA	600 V kA	
MS116-0.16	100	30	5	30	5	
MS116-0.25	100	30	5	30	5	
MS116-0.4	100	30	5	30	5	
MS116-0.63	100	30	5	30	5	
MS116-1.0	100	30	5	30	5	
MS116-1.6	100	30	5	30	5	
MS116-2.5	100	30	5	30	5	
MS116-4.0	100	18	5	18	5	
MS116-6.3	100	18	5	18	5	
MS116-10	100	18	5	18	5	
MS116-12	100	18	5	18	5	
MS116-16	100	18	5	18	5	
MS116-20	100	18	5	18	5	
MS116-25	100	18	5	18	5	
MS116-32	100	18	5	18	5	

¹⁾ Nur für „motor disconnect“ geeignet, wenn Abschließvorrichtung SA1 oder SA3 vorgesehen wird.