

Type MS495 / MS496

For applications up to 100A

MS Series
Manual motor
protectors



Frame Sz. 4
MS495-40...MS495-100



Frame Sz. 4
MS496-40...MS496-100

Suitable applications:

- Single motor, suitable as motor disconnect
- Group motor installation
- Combination motor controller - Type E

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MS495 / MS496 Electrical ratings ①

Thermal setting range (A)	Trip class	Rated operational current I _o (A)	Rated instantaneous short-circuit current setting I _n (A)	AC Motor ratings, breaking all lines, 50/60 Hz (hp)					Catalog number ③
				Single phase ②		Three phase			
				120V	240V	240V	480V	600V	
28.0...40.0	10	40.0	520	3	7.5	15	30	40	MS495-40 MS495-40E
36.0...50.0	10	50.0	650	5	10	20	40	50	MS495-50 MS495-50E
45.0...63.0	10	63.0	819	5	15	25	50	60	MS495-63 MS495-63E
57.0...75.0	10	75.0	975	7.5	15	25	60	75	MS495-75 MS495-75E
70.0...90.0	10	90.0	1170	10	20	30	75	100	MS495-90 MS495-90E
80.0...95.0	10	100.0	1235	10	20	40	75	100	MS495-100 MS495-100E
28.0...40.0	20	40.0	520	3	7.5	15	30	40	MS496-40 MS496-40E
36.0...50.0	20	50.0	650	5	10	20	40	50	MS496-50 MS496-50E
45.0...63.0	20	63.0	819	5	15	25	50	60	MS496-63 MS496-63E
57.0...75.0	20	75.0	975	7.5	15	25	60	75	MS496-75 MS496-75E
70.0...90.0	20	90.0	1170	10	20	30	75	100	MS496-90 MS496-90E
80.0...95.0	20	95.0	1235	10	20	40	75	100	MS496-100 MS496-100E

MS495 / MS496 Short circuit current ratings (kA)

Catalog number ④	UL 508 - Motor controllers, manual (NLRV)						UL 508 - Combination motor controllers (NKJH)					
	Max. fuse size (A)	Fuse class	Circuit breaker	Motor disconnect		Group motor installation		Self-protected Type E ⑤		Self-protected Type F		
				240V / 480V	600V	480Y / 277V	600Y / 347V	480Y / 277V	600Y / 347V	480Y / 277V	600Y / 347V	Type F contactors
MS495-40x	500	Any fuse class	MCCB, 500A max. ⑤	65	30	65	30	65	30	-	-	-
MS495-50x				65	30	65	30	65	30	-	-	-
MS495-63x				65	30	65	30	65	30	-	-	-
MS495-75x				65	30	65	30	65	30	-	-	-
MS495-90x				65	30	65	30	65	-	-	-	-
MS495-100x				65	30	65	30	65	-	-	-	-
MS496-40x				65	30	65	30	65	30	-	-	-
MS496-50x				65	30	65	30	65	30	-	-	-
MS496-63x				65	30	65	30	65	30	-	-	-
MS496-75x				65	30	65	30	65	30	-	-	-
MS496-90x				65	30	65	30	65	-	-	-	-
MS496-100x				65	30	65	30	65	-	-	-	-

① Always size manual motor protectors based on the full-load current of the motor.

② For single phase connection diagram see page 4.17.

③ MS49x-xxE part numbers include the necessary components for Type E applications – Self-protected Type E ratings apply only to these devices.

④ Replace "x" in part number with "E" for self-protected Type E ratings. All other ratings leave blank.

⑤ MCCB interrupting rating must be equal to or greater than the rating of the device.