



21AM81



Motor Logic™ Overload Relays

- 3-phase, 60/50 Hz, 600VAC
- 3:1 current adjustment range
- Class 10/20 selectable thermal protection

Heaterless construction with adjustable full-load amps. Relays are protected against phase loss and phase imbalance. Mount separately or use to retrofit an existing Square D Type S starter. Select overload relay by full load amp current range.

NEMA Size	Current Range	Mr. Model	Item No.
For Retrofit of Square D Type S Motor Starters or Separate Mounting			
00B	1.5 to 4.5A	9065SFB20	21TV77
00C	3.0 to 9.0A	9065SFC20	21TV78
0	6.0 to 18.0A	9065SF020	21AM84
1	9.0 to 27.0A	9065SF120	21AM85
2	15.0 to 45.0A	9065SF220	21AM86
3	30.0 to 90.0A	9065SF320	21AM87
4	45.0 to 135.0A	9065SF420	21TV76
For Retrofit of Square D Type S Motor Starters			
2	15.0 to 45.0A	9065ST220	21AM81
3	30.0 to 90.0A	9065ST320	21AM82
4	45.0 to 135.0A	9065ST420	21AM83



1H424

Replacement Magnetic Coils



Starter Size	For Use With	Mr. Model	24V AC Item No.	120V AC Item No.	208V AC Item No.	240V AC Item No.	480V AC Item No.
00, 1	SA Series A, SB, SC, SM	31041400	1H423	—	—	—	—
0, 00, 1	SA Series A, SB, SC, SM	31041400	—	1H424	1H425	1H426	1H427
2	SD and SP	31063409	—	1H431	1H432	1H433	1H434
3	SE and SO	31074400	—	5B609	—	—	1H439
3, 4	SE, SF, and SV	31091400	—	1H441	—	—	1H449
5	SG and SX	31096400	—	1H446	—	—	1H565
00	SA Series B	9998SAC	—	—	1H563	—	—
4	SE, SF, and SV	31091400	—	—	1H442	2MNG8	—



Open, Nonreversing



Open, Reversing



Enclosed NEMA 1



Enclosed NEMA 3R



Enclosed NEMA 4/4X



Enclosed NEMA 12

EATON
NEMA Motor Starters

- Eaton Freedom Series NEMA starter with C440 electronic overload
- Selectable Trip Class 10A, 10, 20 or 30
- 3-pole with 1NO aux. contact

UL Listed and CSA Certified. Accessories and replacement parts are available on Grainger.com®.

NEMA Size	Overload Relay Amp Setting	► CHOOSE: Coil Volts	NONREVERSING NO ENCLOSURE Item No.	NONREVERSING NEMA 1 Item No.	NONREVERSING NEMA 3R Item No.	NONREVERSING NEMA 4X Item No.	NONREVERSING NEMA 12 Item No.	REVERSING NO ENCLOSURE Item No.
00	0.33 to 1.65A	24V AC 120V AC 208V AC 240V AC 480V AC	J0884	J0901	J0905	J0909	J0913	J0893
00	1 to 5A		H0472	H0484	J0906	H0498	H0505	H0478
00	4 to 20A		J0883	J0902	H0491	J0910	J0914	J0892
0	0.33 to 1.65A		J0886	—	—	—	—	J0895
0	1 to 5A		J0885	J0903	J0907	J0911	J0915	J0894
0	4 to 20A		H0473	H0485	H0492	H0499	H0506	H0479
1	0.33 to 1.65A		J0889	—	—	—	—	J0898
1	1 to 5A		J0887	—	—	—	—	J0896
1	4 to 20A		H0474	H0486	H0493	J0912	H0507	J0897
1	9 to 45A		J0888	J0904	J0908	H0500	J0916	H0480
2	1 to 5A	J0890	—	—	—	—	J0899	
2	4 to 20A	J0891	—	—	—	—	J0900	
2	9 to 45A	H0475	H0487	H0494	H0501	H0508	H0481	
2	20 to 100A	H0476	H0488	H0495	H0502	H0509	H0482	
3	30 to 150A	H3831	H0489	H0496	H0503	H0510	H3832	
5	60 to 300A	H0477	H0490	H0497	H0504	H0511	H0483	



Open, Nonreversing



Open, Reversing



Enclosed NEMA 1



Enclosed NEMA 4/4X



Enclosed NEMA 12

NEMA Size	Overload Relay Amp Setting	► CHOOSE: Coil Volts*	NONREVERSING NO ENCLOSURE Item No.	NONREVERSING NEMA 1 Item No.	NONREVERSING NEMA 4, 4X Item No.	NONREVERSING NEMA 12 Item No.	REVERSING NO ENCLOSURE Item No.
00	0.25 to 1A	24VAC 120 to 240VAC 120VAC 208VAC 240VAC 480VAC	J0917	J0926	—	—	H3838
00	0.75 to 3.4A		J0918	J0927	—	—	J0954
00	3 to 12A		H0526	H0535	—	—	J0955
0	0.25 to 1A		J0919	J0928	J0943	J0935	J0951
0	0.75 to 3.4A		H0527	J0929	J0944	J0936	J0952
0	3 to 12A		J0920	H0536	H3776	H3767	J0953
0	5.50 to 22A		J0921	J0930	J0945	J0937	H3837
1	0.25 to 1A		J0922	J0931	J0946	J0938	J0956
1	0.75 to 3.4A		J0923	J0932	J0947	J0939	J0957
1	3 to 12A		J0924	J0933	J0948	J0940	J0958
1	5.50 to 22A	H0528	J0934	J0949	J0941	J0959	
1	10 to 40A	J0925	H0537	J0950	J0942	H3839	
1½	10 to 40A	H0529	H0538	H3778	H3769	H3840	
2	13 to 52A	H0530	H0539	H3779	H3770	H3841	
2½	25 to 100A	H0531	H0540	H3780	H3771	H3842	
3	25 to 100A	H0532	H0541	H3781	H3772	H3843	
3½	50 to 200A	H0533	H0542	H3782	H3773	H3844	
4	50 to 200A	H0534	H0543	H3783	H3774	H3845	
5	55 to 250A	—	H3766 †	—	H3775 †	—	

* 24VAC coils only available on enclosed versions. † Dual voltage coils not available in NEMA Size 5.

SIEMENS
NEMA Motor Starters

- 600 VAC
- Selectable Trip Class 5, 10, 20 or 30
- 3-pole with 1NO aux. contact

UL Listed and CSA Certified.