

Phelan Electromec™

C & S MANUAL MOTOR STARTER (MPCB) TYPE 32S & 32H

DESIGN FEATURES

- 0.16A ~ 100A, 690 Volt
- Switching (Manual)
- Overload Protection (Thermal Protection)
- Branch-Circuit, Short-Circuit Protection (Magnetic Protection)
- Disconnect for Motor Branch Circuit
- Auxiliary Contacts for Front and Left Side Available
- Alarm Switch for Left Side Mount Available
- Pad Lock Facility
- CuL Approved

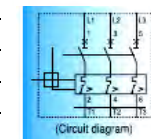
Note: In North America, electrical codes require that an individual Motor Branch Circuit be protected by a UL/CSA Listed Fuse, Circuit Breaker or Self-Protected Combination Motor Controller.



TYPE TCMS 32S

MAX. SHORT CIRCUIT CURRENT (kA)			MOTOR LOAD						RATED OPERATIONAL CURRENT I_e (A)	THERMAL RELEASE ADJUSTMENT RANGE (A)	CAT. NO.	LIST
			1 PH (HP)		3 PH (HP)							
240V	480V	600V	115V	230V	200V	230V	460V	575V				
100	50	10	-	-	-	-	-	-	0.16	0.1-0.16	TCMS-32S.16	\$147
100	50	10	-	-	-	-	-	-	0.25	0.16-0.25	TCMS-32S.25	\$147
100	50	10	-	-	-	-	-	-	0.4	0.25-0.4	TCMS-32S.4	\$147
100	50	10	-	-	-	-	-	-	0.63	0.4-0.63	TCMS-32S.63	\$147
100	50	10	-	-	-	-	-	1/2	1.0	0.63-1.0	TCMS-32S1	\$147
100	50	10	-	1/10	-	-	3/4	3/4	1.6	1.0-1.6	TCMS-32S1.6	\$147
100	50	10	-	1/6	1/2	1/2	1	1.5	2.5	1.6-2.5	TCMS-32S2.5	\$147
100	50	5	1/8	1/3	3/4	3/4	2	3	4.0	2.5-4.0	TCMS-32S4	\$147
100	25	5	1/4	1/2	1	1.5	3	5	6.0	4.0-6.0	TCMS-32S6	\$147
100	25	5	1/3	1	2	2	5	5	8.0	5.0-8.0	TCMS-32S8	\$157
50	10	5	1/2	1.5	3	3	5	7.5	10	6.0-10.0	TCMS-32S10	\$163
50	10	5	1/2	2	3	3	7.5	10	13	9.0-13.0	TCMS-32S13	\$163
40	10	5	1	3	5	5	10	15	17	11.0-17.0	TCMS-32S17	\$163
30	10	5	1.5	3	7.5	7.5	15	20	22	14.0-22.0	TCMS-32S22	\$163
30	7.5	5	2	3	7.5	7.5	15	20	26	18.0-26.0	TCMS-32S26	\$204
20	7.5	5	2	5	10	10	20	30	32	22.0-32.0	TCMS-32S32	\$252

- Adjustable thermal release
- Magnetic release 13X I_e max.
- Trip Class 10 Ambient temperature compensation
- Phase-failure protection
- Pad lock facility



TYPE TCMS 32H

MAX. SHORT CIRCUIT CURRENT (kA)			MOTOR LOAD						RATED OPERATIONAL CURRENT I_e (A)	THERMAL RELEASE ADJUSTMENT RANGE (A)	CAT. NO.	LIST
			1 PH (HP)		3 PH (HP)							
240V	480V	600V	115V	230V	200V	230V	460V	575V				
100	65	25	-	-	-	-	-	-	0.16	0.1-0.16	TCMS-32H.16	\$154
100	65	25	-	-	-	-	-	-	0.25	0.16-0.25	TCMS-32H.25	\$154
100	65	25	-	-	-	-	-	-	0.4	0.25-0.4	TCMS-32H.4	\$154
100	65	25	-	-	-	-	-	-	0.63	0.4-0.63	TCMS-32H.63	\$154
100	65	25	-	-	-	-	-	1/2	1.0	0.63-1.0	TCMS-32H1	\$154
100	65	25	-	1/10	-	-	3/4	3/4	1.6	1.0-1.6	TCMS-32H1.6	\$154
100	65	25	-	1/6	1/2	1/2	1	1.5	2.5	1.6-2.5	TCMS-32H2.5	\$154
100	65	25	1/8	1/3	3/4	3/4	2	3	4.0	2.5-4.0	TCMS-32H4	\$154
100	65	25	1/4	1/2	1	1.5	3	5	6.0	4.0-6.0	TCMS-32H6	\$154
100	65	2	1/3	1	2	2	5	5	8.0	5.0-8.0	TCMS-32H8	\$166
100	65	25	1/2	1.5	3	3	5	7.5	10	6.0-10.0	TCMS-32H10	\$171
100	65	25	1/2	2	3	3	7.5	10	13	9.0-13.0	TCMS-32H13	\$171
100	30	10	1	3	5	5	10	15	17	11.0-17.0	TCMS-32H17	\$171
100	30	10	1.5	3	7.5	7.5	15	20	22	14.0-22.0	TCMS-32H22	\$171
100	30	10	2	3	7.5	7.5	15	20	26	18.0-26.0	TCMS-32H26	\$214
100	30	10	2	5	10	10	20	30	32	22.0-32.0	TCMS-32H32	\$266

- Adjustable thermal release
- Magnetic release 13X I_e max.
- Trip Class 10 Ambient temperature compensation
- Phase-failure protection
- Pad lock facility



NOTE: Pricing and specifications subject to change without notice.

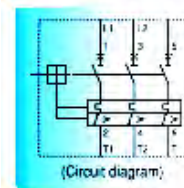
**C & S MANUAL MOTOR STARTER (MPCB)
TYPE 63H & 100H**

TYPE TCMS 63H & TCMS 100H

MAX. SHORT CIRCUIT CURRENT (kA)			MOTOR LOAD						RATED OPERATIONAL CURRENT I_e (A)	THERMAL RELEASE ADJUSTMENT RANGE (A)	CAT. NO.	LIST
			1 PH (HP)		3 PH (HP)							
240V	480V	600V	115V	230V	200V	230V	460V	575V				
100	50	10	3	7	10	10	30	30	40	28-40	TCMS-63H40	\$457
100	50	10	3	10	15	15	30	40	50	34-50	TCMS-63H50	\$457
100	50	10	5	10	20	20	40	60	63	45-63	TCMS-63H63	\$457
100	50	10	5	15	20	25	50	60	75	55-75	TCMS-100H75	\$486
100	50	10	7.5	20	25	30	60	75	90	70-90	TCMS-100H90	\$514
100	50	10	10	20	30	30	75	100	100	80-100	TCMS-100H100	\$529



- Adjustable thermal release
- Magnetic release 13Xle max.
- Trip Class 10
- Ambient temperature compensation
- Phase-failure protection
- Pad lock facility



ACCESSORIES FOR TCMS MANUAL MOTOR STARTERS

PART NO.	DESCRIPTION	LIST
TCMS-FX02	Auxiliary Switch - Front Mount - 2 NC	\$37.00
TCMS-FX11	Auxiliary Switch - Front Mount - 1 NO + 1 NC	\$37.00
TCMS-FX20	Auxiliary Switch - Front Mount - 2 NO	\$37.00
TCMS-LX02	Auxiliary Switch - Left Side Mount - 2 NC	\$37.00
TCMS-LX11	Auxiliary Switch - Left Side Mount - 2 NC	\$37.00
TCMS-LX20	Auxiliary Switch - Left Side Mount - 2 NC	\$37.00
TCMS-LA02	Trip Alarm - Left Side Mount - 2 NC	\$37.00
TCMS-LA11	Trip Alarm - Left Side Mount - 1 NC + 1NC	\$37.00
TCMS-LA20	Trip Alarm - Left Side Mount - 2 NC	\$37.00
TCMS-LAM	Magnetic Trip Alarm - Left Side Mount	\$55.00
TCMS-MEH32-315	315 mm Metal Shaft & Handle For TCMS-32	\$147.00
TCMS-MEH63-315	315 mm Metal Shaft & Handle For TCMS-63	\$147.00
TCMS-MEH100-315	315 mm Metal Shaft & Handle For TCMS-100	\$147.00



FX__



LX__



LA/M__



Terminal Type by Size

Additional technical data (backup fuse information, breaking capacities, dimensions, etc.) can be found at www.phelanmotors.com

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