

Product Selection

Rated Operational Current [A] (I _e)	Motor Current Adjustment Range [A]	Magnetic Trip Current [A]	3-phase kW Ratings				Cat. No.
			230V	400/415V	500V	690V	
I-Frame							
80	40...80	1200	22	37	55	75	140M-I8E-C80E
100	80...100	1500	30	55	55	90	140M-I8E-D10E
160	100...160	2400	45	75	110	132	140M-I8E-D16E
205	160...205	2665	55	110	132	200	140M-I8E-D20E

Cat. No. Explanation

140M - I 8 E - C80E - CC - GB
 a b c d e g h

a Bulletin Number

140M Motor Protection Circuit Breakers (MPCBs)

b Frame Size and Rating

I 40A - 205A

c Interrupting Rating / Breaking Capacity

8 High Break

d Protection Type

E Adj Thermal/ Fixed Mag (13 x I_n)

e Current Range

C80E	40A - 80A
D10E	80A - 100A
D16E	100A - 160A
D20E	160A - 205A










g Aux / Trip Contacts (Factory Installed Option)


1st Code	Description	2nd Code	Description
Bottom Front		Right Side	
X	Placeholder	X	Placeholder
C	1 NO + 1 NC	C	1 NO + 1 NC
F	2 NO + 2 NC	F	2 NO + 2 NC
N	1 NO (SC+OL) + 1 NC (SC)	N	1 NO (SC+OL) + 1 NC (SC)
O	2 NO (SC+OL) + 2 NC (SC)	O	2 NO (SC+OL) + 2 NC (SC)
T	1 NO + 1 NC and 1 NO + 1 NC (SC+OL)	T	1 NO + 1 NC and 1 NO + 1 NC (SC+OL)


h UV and Shunt Trips (Factory Installed Option)

1st Code	Description	2nd Code	Description
Left Front		UV Voltage	
G	Undervoltage Trip	J	24V AC
		D	110...127V AC
		A	208...240V AC
		B	380...480V AC
Left Front		Shunt Voltage	
P	Shunt Trip	J	12...24V AC/DC
		D	48...127V AC and 48...60V DC
		N	208...380V AC and 110...127V DC
		B	415...600V AC and 220...250V DC

Accessories

Description		Pkg. Quantity	For Use With	Cat. No.
	Terminal End Cover — 0.25 in.	1	140M-I	140U-I-TC2
	Terminal End Cover — 0.41 in.	1	140M-I	140U-I-TC4
	Terminal Shields (Plastic) IP20 Ingress Protection	1	140M-I	140U-I-TS1
	Padlockable Handle Lock Hasp — Off only Padlocking Hasp Lock-OFF only	1	140M-I	140U-I-PL
	End Cap Kit Provides 3-phase connections for terminal or bolt-on connections Metric Hardware	1	140M-I	140U-I-ECM
	Phase Barriers Provides additional phase clearance when special connections are required	2	140M-I	140U-I-PB
	Steel Terminal Copper/Aluminum wire #4-4/0 AWG	3	140M-I	140U-I-TLS1
	Stainless Steel Terminal Copper/Aluminum wire #4-4/0 AWG	3	140M-I	140U-I-TLS2
	Rotary Close Couple Handle International	1	140M-I	140U-I-RCB
	Rotary Close Couple Handle International	1	140M-I	140U-I-RCR
	Operating Mechanism for External Handles	1	140M-I	198-H2
	External Handles	1	140M-I	Black/Grey IP66 (Type 3/3R/4/4X/12)
	Red/Yellow IP66 (Type 3/3R/4/4X/12)			190-HM4E
	Black/Grey IP55 (Type 1)			190-HM1
	Red/Yellow IP55 (Type 1)			190-HM1E

Description		Pkg. Quantity	For Use With	Cat. No.
	Extension Shafts		1	140M-I
	Standard Enclosure Working Depth*			
	Minimum	203 (8)		
	Maximum	305 (12)		
	Extended			
	Minimum	203 (8)		
Maximum	508 (20)			
				194R-R3
				194R-R4

Description		Pkg. Quantity	For Use With	Cat. No.	
	Flex-Cable Operating Mechanism NEMA Type 1/3/12/4/4X Flange-Mount Handle	3 ft. Cable	1	140M-I	140U-I-FCX03
		4 ft. Cable			140U-I-FCX04
		6 ft. Cable			140U-I-FCX06
		10 ft.(3.0m) Cable			140U-I-FCX10
	Flex-Cable Operating Mechanism Stainless Steel - Type 4/4X Flange Mount Handle	3 ft.(0.9m) Cable			140U-I-FCS03
		4ft.(1.3m) Cable			140U-I-FCS04
		6ft. (1.8m) Cable			140U-I-FCS06
		10ft.(3.0m) Cable			140U-H-FCS10

