

Bulletin 140M-C & D 29 & 32 A Motor Protection Circuit Breakers



with New Accessories

Features and Benefits

Bulletin 140M-C & D Motor Protection Circuit Breakers deliver a smaller footprint and reliable protection for your application.

- Increased rating to 32 A within existing dimensions saves up to 30% panel space
- Completely molded bus bars enhance finger protection
- Lockable operator knobs support compliance with lock out and safety requirements

Bulletin 140M-C & D provides compact solutions in a 45 mm wide package up to 32 A



Bulletin 140M motor protection circuit breakers provide reliable motor protection in case of motor overload, short circuit and phase failure. Typically used in standard motor applications, the 140M's provide useful information for an operator such as:

- Trip position: separate handle position indicates a trip has occurred
- Short circuit trip indication: identifies a trip on short circuit

Therefore, operators can identify a fault quickly and downtime is reduced.

140M products are designed for industrial use applications in control cabinets or on-machine panels for any motor starter with basic protection requirements. They are ideal for many industries such as automotive, food & beverage, life science, packaging, water/wastewater or material handling.

LISTEN.
THINK.
SOLVE.

Motor Protection Circuit Breakers








Rated Operational Current (I_e) [A]	Motor Current Adjustment Range [A]	Magnetic Trip Current [A]	Max. Short Circuit Current [kA]		Max. 3-phase Hp Ratings				Max. kW, 3-phase AC-3				Cat. No.
			400V (I_{cu})	480V (group motor)	200V	230V	460V	575V	230V	400/415V	500V	690V	
29	24...29	406	15	25	7.5	10	20	25	7.5	13	18.5	25	140M-C2E-C29
32	27...32	448	15	25	10	10	25	30	7.5	15	20	25	140M-C2E-C32
29	24...29	406	50	30	7.5	10	20	25	7.5	13	18.5	25	140M-D8E-C29
32	27...32	448	50	30	7.5	10	25	30	7.5	15	20	25	140M-D8E-C32

Motor Circuit Protectors

Rated Operational Current [A] (I_e)	Magnetic Trip Current [A]	Max. Short Circuit Current [kA]		Max. 3-phase Hp Ratings				Max. kW, 3-phase AC-3				Cat. No.
		400V (I_{cu})	480V (group motor)	200V	230V	460V	575V	230V	400/415V	500V	690V	
32	448	50	30	7.5	10	25	30	7.5	15	20	25	140M-D8N-C32

For further technical information and complete product portfolio please visit www.ab.com/catalogs.

Accessories

	Description	for use with	Cat. No.	
	Compact Busbar Feeder Terminal • For supply of busbars • Meets IEC and UL spacing requirements	140M-C, -D	140M-C-WTEN	
	Compact Busbar Feeder Terminal • For supply of busbars • Meets IEC spacing requirements	140M-C, -D	140M-C-WTN	
	Three-Phase Compact Busbar 45mm Spacing • For 32 A Motor Protection Circuit Breakers – 64 A maximum continuous current • 45 mm spacing	2 connections	140M-C, -D	140M-C-W452N
		3 connections		140M-C-W453N
		4 connections		140M-C-W454N
		5 connections		140M-C-W455N
	Three-Phase Compact Busbar 54 mm Spacing • For 32 A Motor Protection Circuit Breakers – 64 A maximum continuous current • 54 mm spacing, for use with side-mount auxiliary contact	2 connections	140M-C, -D	140M-C-W542N
		3 connections		140M-C-W543N
		4 connections		140M-C-W544N
		5 connections		140M-C-W545N
	Terminal Cover • Covers unused busbar terminals • IP2X finger protection	140M-C, 140M-D	140M-C-WSN	
	Top Hat Rail Adapter 10 mm • Adjusts the depth of the 140M-C to the 140M-D • Allows the use of compact busbars across both frame sizes	140M-C	140-KBH2	
	Lockable Twist Knob • For one padlock 4...6 mm (1/4 in.) dia. shackle	Black	140M-C, -D, -F	140M-C-KN1
		Red/Yellow	140M-C, -D, -F	140M-C-KRY1

For other accessories please visit www.ab.com/catalogs.

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