

# PRODUCT PROFILE

## BULLETIN 140U

### MOLDED CASE CIRCUIT BREAKERS – 15...1200 A

The Bulletin 140U is a universal line of Molded Case Circuit Breakers (MCCBs), designed for the global marketplace. The Bulletin 140U line meets the latest standards requirements, provides panel space savings, high performance, field or factory modifications, and rotary or flexible cable operators.

#### FEATURES

- Product range:
  - 100 A, G frame – Thermal-Magnetic (T/M)
  - 125 A, H frame – Thermal-Magnetic (T/M)
  - 250 A, J frame – T/M or Electronic
  - 400 A, K frame – T/M or Electronic
  - 600 A, Q frame – T/M or Electronic
  - 800 A, M frame – T/M or Electronic
  - 1200 A, N frame – Electronic
- 140U Molded Case Circuit Breakers – “Universally” accepted:
  - Meets UL 489 – Molded Case Circuit Breakers
  - Meets CSA 22.2 No.5 – Molded Case Circuit Breakers
  - Meets IEC 60947-2 – Circuit Breakers
  - CE Certified
  - KEMA-KEUR – third party tested and certified
- High interrupting ratings:
  - Highest interrupting ratings per frame versus Allen-Bradley competitors

125 A H FRAME	480V		600V	
	Allen-Bradley	Competitor	Allen-Bradley	Competitor
Int. Ratings	65 kA	65 kA	25 kA	25 kA
mm <sup>2</sup>	10,640	17,850	10,640	17,850
kA/mm <sup>2</sup>	6.10	3.64	2.35	1.40

- Field- or factory-modified:
  - All internal accessories are easily installed in the field or as a factory modification
  - Field assembly of internal accessories maintains UL listing



#### COMPACT DIMENSIONS

- 125 A (H frame) – 76 mm (3”) wide
  - Up to 40% panel space savings
- 250 A (J frame) – 105 mm (4-1/8”) wide
  - Up to 30% panel space savings



76 mm  
125 A (H Frame)



105 mm  
250 A (J Frame)

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# SPECIFICATIONS



Current $I_n$ Range	15...100 A	15...125 A		70...250 A		180...400 A		300...600 A		300...800 A		600...1200 A	
Max $I_n$	100 A	125 A		250 A		400 A		600 A		800 A		1200 A	
Frame Reference	G	H		J		K		L		M		N	
Dimensions: (mm)													
H	124	140		178		258		257		406		406	
W	70	76		105		140		140		210		210	
D	81	76		103		104		136		111		140	
Interrupting Ratings: kA		$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$	$I_{cu}$
50 Hz 220...240V	65	65, 85, 100	100%	65, 85, 100	100%	65, 100, 200	100%	85, 100	100%	85, 100	100%	85, 200, 200	100%
380...415V	22	25, 40, 70	100%	25, 40, 70	100%	40, 65, 100	100%	45, 70	100%	50, 65	100%	50, 70, 100	100%
690V	—	6, 6, 7	50%	6, 6, 7	50%	10, 13, 18	50%	20, 25	50%	13, 18	100%	20, 25, 35	50%
60 Hz 220...240V	65	65, 85, 100		65, 85, 100		65, 100, 200		65, 100		65, 100		65, 100, 200	
480V	22	25, 35, 65		25, 35, 65		35, 65, 100		35, 65		50, 65		50, 65, 100	
600V	—	18, 18, 25		18, 18, 25		25, 35, 50		25, 35		25, 35		25, 35, 50	
Protection Type:													
Thermal Magnetic	FF	FF		FA		FA		FA		FA		—	
Electronic	—	—		✓		✓		✓		✓		✓	
Molded Case Switch	—	✓		✓		✓		✓		✓		✓	
Internal Accessories:													
Alarm (Trip) Contact	—	✓		✓		✓		✓		✓		✓	
Auxiliary Contacts	—	✓		✓		✓		✓		✓		✓	
Aux/Alarm Combination	—	✓		✓		✓		✓		✓		✓	
Shunt Trip	✓	✓		✓		✓		✓		✓		✓	
Undervoltage Release	✓	✓		✓		✓		✓		✓		✓	
Field Installable	—	✓		✓		✓		✓		✓		✓	
External Accessories:													
Padlockable Hasp	✓	✓		✓		✓		✓		✓		✓	
Terminal Covers	—	✓		✓		✓		✓		✓		✓	
Terminal Lugs	—	Standard		✓		✓		✓		✓		✓	
End Cap Kits	—	✓		✓		✓		—		—		—	
Flex-Cable Op. Mech.	—	✓		✓		✓		✓		✓		✓	
Rotary Op. Mech. —													
Var. Depth	✓	✓		✓		✓		✓		✓		✓	
Rotary Op. Mech. —													
Direct Coupler	—	✓		✓		✓		—		—		—	
Phase Barriers	—	✓		✓		✓		✓		✓		✓	
Standards & Approvals:													
UL 489	✓	✓		✓		✓		✓		✓		✓	
CSA 22.2 No. 5	✓	✓		✓		✓		✓		✓		✓	
IEC 60947-2	—	✓		✓		✓		✓		✓		✓	
CE Certified	—	✓		✓		✓		✓		✓		✓	
KEMA-KEUR	—	✓		✓		✓		✓		✓		✓	

[www.rockwellautomation.com](http://www.rockwellautomation.com)

## Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846