

# PRODUCT PROFILE

## 140UE IEC MOLDED CASE CIRCUIT BREAKERS

### 140UE IEC MOLDED CASE CIRCUIT BREAKERS – 15...1250 A

The Bulletin 140UE line of Molded Case Circuit Breakers (MCCBs), is designed for the IEC marketplace. The Bulletin 140UE line meets the latest standards requirements, provides panel space savings, high performance, field or factory modifications, rotary operating mechanisms, and plug-in power adapters.

#### FEATURES:

##### Product range:

- 160 A, H-frame – Thermal-Magnetic (T/M)
- 250 A, J-frame – T/M or Electronic
- 630 A, L-frame – T/M or Electronic
- 800 A, M-frame – T/M or Electronic
- 1250 A, N-frame – Electronic

##### 140U Molded Case Circuit Breakers:

- Fixed or Adjustable Thermal
- Fixed or Adjustable Magnetic
- 3 and 4 Pole Versions
- Rotary Operating Mechanisms with IP66 (Type 4/4X) Rating
- Flexible Cable Operating Mechanisms
- 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

160 A H-Frame	380-400V	
	Allen-Bradley	Competitor
Int. Ratings	70 kA	70 kA
mm <sup>2</sup>	10,640	17,850
kA/mm <sup>2</sup>	6.59	3.92

##### Field- or factory-modified:

- All internal accessories are easily installed in the field or as a factory modification
- Field assembly of internal accessories maintains listings and approvals



Electric Trip Unit



Multi-Tap Terminal Lugs



Rotary Operating Mechanism



Terminal Cover



**ESSENTIAL COMPONENTS.**  
**EXCEPTIONAL VALUE.**

# Allen-Bradley Spares

ALLEN-BRADLEY • ROCKWELL SOFTWARE • DODGE • RELIANCE ELECTRIC

**Rockwell Automation**

# SPECIFICATIONS:



Current I <sub>n</sub> Range		16...160 A				50...250 A				250...630 A				300...800 A				400...1250 A			
Max I <sub>n</sub>		160 A				250 A				630 A				800 A				1250 A			
Frame Reference		H				J				L				M				N			
Poles		3, 4				3, 4				3, 4				3				3, 4			
Dimensions: (mm)		H		140		178		258		406		406		210		210		140		140	
		W		76		105		140		210		210		140		140		140		140	
		D		76		103		104		140		140		140		140		140		140	
Interrupting Ratings: kA		I <sub>cu</sub>		I <sub>cs</sub>		I <sub>cu</sub>		I <sub>cs</sub>		I <sub>cu</sub>		I <sub>cs</sub>		I <sub>cu</sub>		I <sub>cs</sub>		I <sub>cu</sub>		I <sub>cs</sub>	
		50 Hz		220...240V		25 35 85 100		50%		65 85 100		100%		65 85 100		100%		65 100		100%	
		380...415V		18 25 40 70		50%		25 40 70		100%		35 50 70		100%		50 70		100%		70 100 70/50%	
		690V		— — — —		—		12 12 14		50%		12 20 25		50%		20 25		50%		25 35 50%	
60 Hz		220...240V		25 35 85 100				65 85 100				65 85 100				65 100				100 200	
NEMA		480V		14 25 35 65				25 35 65				35 50 65				50 65				65 100	
		600V		22 25				18 18 25				12 25 35				25 35				35 50	
Protection Type:																					
Thermal Magnetic		FF, AF				AA				AA				AA				—			
Electronic		—				✓				✓				✓				✓			
Molded Case Switch		✓				✓				✓				✓				✓			
Internal Accessories:																					
Alarm (Trip) Contact		✓				✓				✓				✓				✓			
Auxiliary Shields		✓				✓				✓				✓				✓			
Aux/Alarm Combination		✓				✓				✓				✓				✓			
Shunt Trip		✓				✓				✓				✓				✓			
Undervoltage Release		✓				✓				✓				✓				✓			
Field Installable		✓				✓				✓				✓				✓			
External Accessories:																					
Padlockable Hasp		✓				✓				✓				✓				✓			
Terminal Covers		✓				✓				✓				✓				✓			
Terminal Lugs		Standard				Standard				Standard				✓				✓			
End Cap Kits		✓				✓				✓				✓				—			
Flex-Cable Op. Mech.		✓				✓				✓				✓				✓			
Rotary Op. Mech. –		✓				✓				✓				✓				✓			
Var. Depth		✓				✓				✓				✓				✓			
Rotary Op. Mech. –		✓				✓				✓				✓				✓			
Direct Coupler		✓				✓				✓				✓				—			
Phase Barriers		✓				✓				✓				✓				✓			
Standards & Approvals:																					
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 53204-2496 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

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