

UEB1-70 SERIES

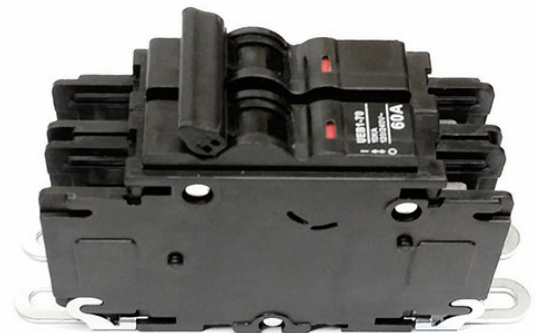
MINIATURE CIRCUIT BREAKER

DESCRIPTION

UEB1-70 series Miniature Circuit Breaker provides excellent over-current protection and control of on/off operation in AC electrical systems. It has a voltage rating of up to 240 VAC and current up to 60 A.

FEATURES

- New terminal design to allow multiple quick connect terminations.
- Removable metal brackets allow the breaker to be flush mounted/ surface mounted, or totally removed for din rail mounting.
- Mechanical switch for manual circuit disconnection.
- On/Off display indicator
- Performance unaffected by position mounting
- Salt Spray tested to ASTM B117-500hr.
- UL 489 #E355778



GENERAL DATA

Rated Insulation Voltage	690 VAC
Agency Approvals	UL489
Operating Altitude	≤ 2000 meters (6562 feet)
Ambient Temperature	Operating: -10°C to 60°C (-14°F to 140°F)
	Storage: -40°C to 70°C (-40°F to 158°F)
Relative Humidity	90-95% RH (below 40°C / 104°F)
Torque	M8 Screw (Box terminal - Lead wire) 35 to 44 in-lbs
QC Wiring	The female connector should meet IEC 60760, necessary to ensure the reliability of connection between female connectors and QC terminals

ELECTRICAL DATA

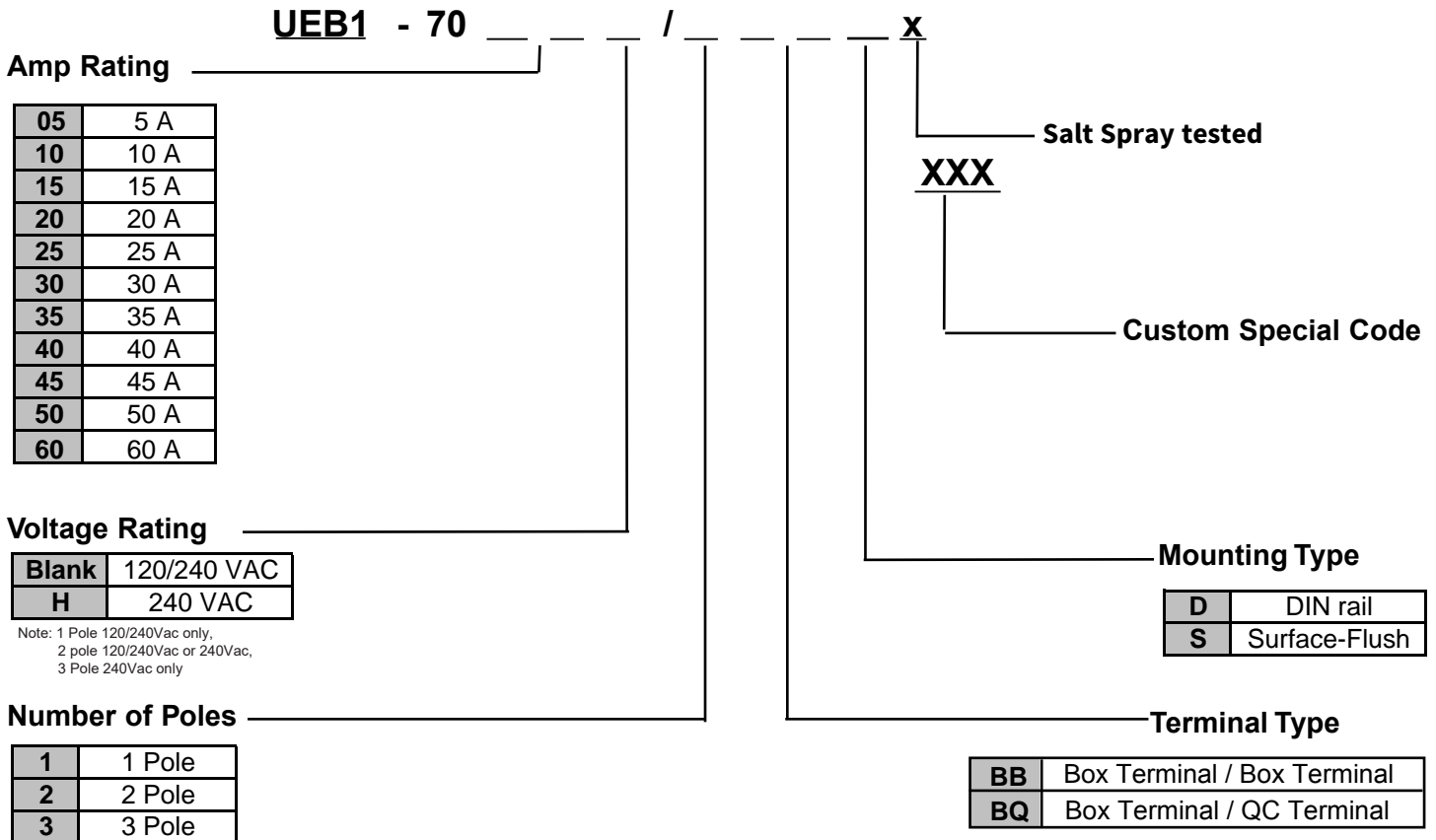
Rated Voltage	120/240 VAC, 240 VAC
Rated Frequency	50/60 Hz
Interrupting Capacity	10 KA
Electrical Endurance	10000 cycles
Mechanical Endurance	10000 cycles

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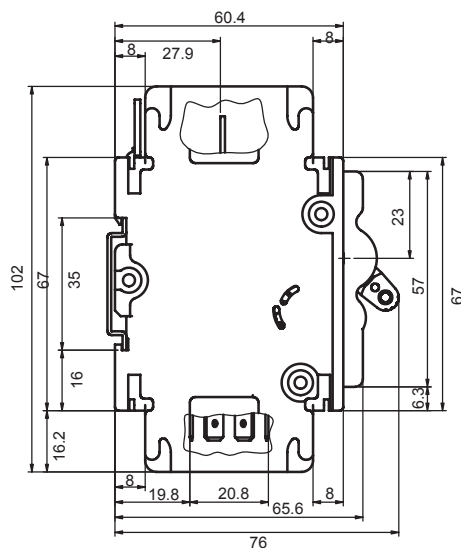
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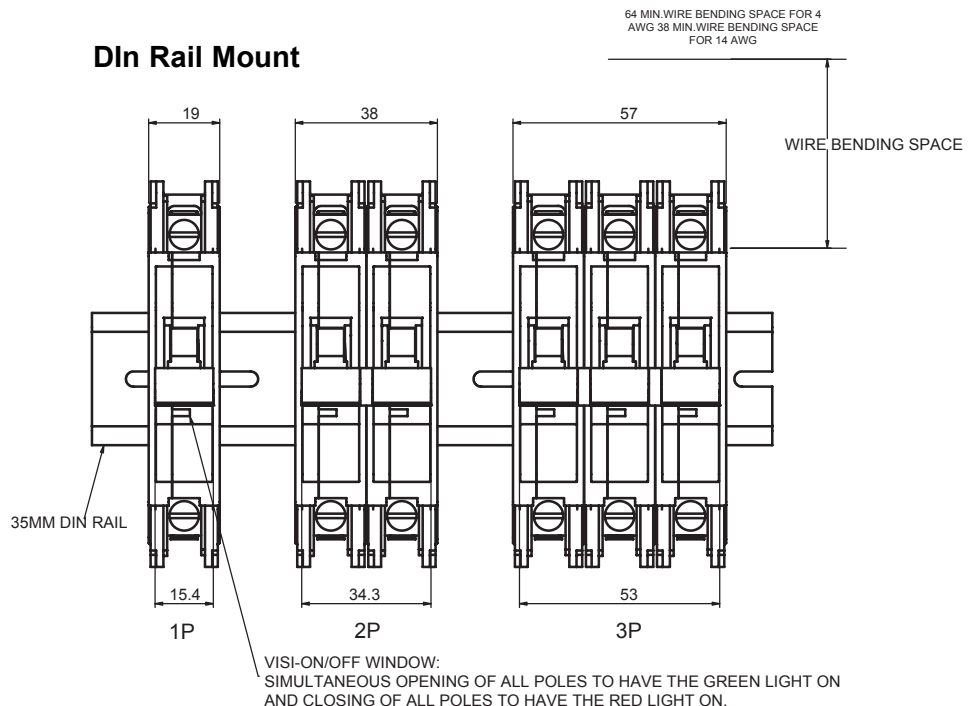
PART NUMBERING SYSTEM



MECHANICAL DATA



Din Rail Mount



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Technical drawings of three types of wire bending dies: 1P, 2P, and 3P. Each drawing shows a side view with dimensions and a top view.

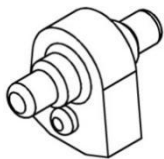
- 1P:** Side view dimensions: 119 (total height), 19 (width), 17.5 (top section height), 69.8 (main body height), 17.5 (bottom section height), 15 (bottom width). Top view dimensions: 19 (width), 4.4 (top width). A detail of a 6-32 UNC thread is shown.
- 2P:** Side view dimensions: 69.8 (main body height), 34 (bottom width). Top view dimensions: 38 (width), 34 (bottom width).
- 3P:** Side view dimensions: 69.8 (main body height), 53 (bottom width). Top view dimensions: 57 (width), 53 (bottom width). A detail of a wire bending space is shown.

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UEB1-70 SERIES

ACCESSORY SELECTION TABLE

Accessory	Description	Catalog Number
Handle Tie	Tie two circuit breakers together.	UEB1-70HT
Mounting Feet	For mounting 1,2, 3-pole circuit breakers	UEB1-70MF1
	For mounting 2-pole circuit breakers(two mounting feet required per circuit breakers)	UEB1-70MF2
Quick Connectors	For forward or reverse wiring circuit breakers	UEB1-70QC1
	For end connection wiring circuit breakers	UEB1-70QC2
Ring Tongue Terminal Adapter	For ring tongue terminal wiring circuit breakers	UEB1-70QC3
Jumper Bar for 2-pole Low Ampere UEB1-70 *All models USR; append '005' to catalog no. for both USR/CNR	4-pole, 100 A jumper bar base with front wiring	UEB1-701004BJPF
	4-pole, 100 A jumper bar base with left-side wiring	UEB1-701004BJPL
	4-pole, 100 A jumper bar base with right-side wiring	UEB1-701004BJPR
	4-pole, 100 A jumper bar cover	UEB1-701004CJP
	4-pole, 100 A jumper bar with front wiring, base, cover, and screw	UEB1-701004JPF
	4-pole, 100 A jumper bar with wiring, base, cover, and screw to left	UEB1-701004JPL
	4-pole, 100 A jumper bar with wiring, base, cover, and screw to right	UEB1-701004JPR
	6-pole, 150 A jumper bar base with front wiring	UEB1-701506BJPF
	6-pole, 150 A jumper bar base with left-side wiring	UEB1-701506BJPL
	6-pole, 150 A jumper bar base with right-side wiring	UEB1-701506BJPR
	6-pole, 150 A jumper bar cover	UEB1-701506CJP
	6-pole, 150 A jumper bar with wiring, base, cover, and screw to front	UEB1-701506JPF
	6-pole, 150 A jumper bar with wiring, base, cover, and screw to left	UEB1-701506JPL
	6-pole, 150 A jumper bar with wiring, base, cover, and screw to right	UEB1-701506JPR
Safe Cover	For 1-, 2-, and 3-pole circuit breakers (Two covers required per pole	UEB1-70SC
Filler Plate	For load center cover	UEB1-70BC
Screw	Jumper bar screw	UEB1-70SW



UEB1-70HT
Handle Tie

Handle Tie

The handle tie accessory converts any adjacent 1-pole UEB1-70 circuit breaker to one independent multi-pole circuit breaker.



UEB1-70MF1
Mounting Feet



UEB1-70MF2
Mounting Feet

Mounting Feet

Mounting feet are available to mount 1-, 2-, and 3-pole circuit breakers.

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