

# UEB1-70 SERIES

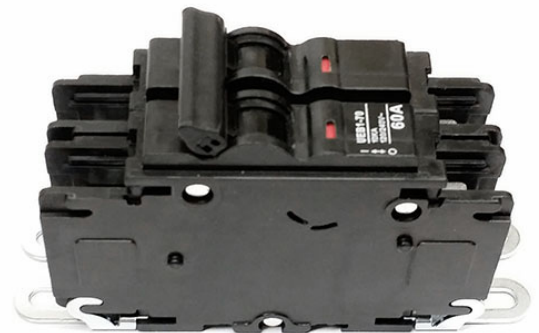
## MINIATURE CIRCUIT BREAKER

### 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

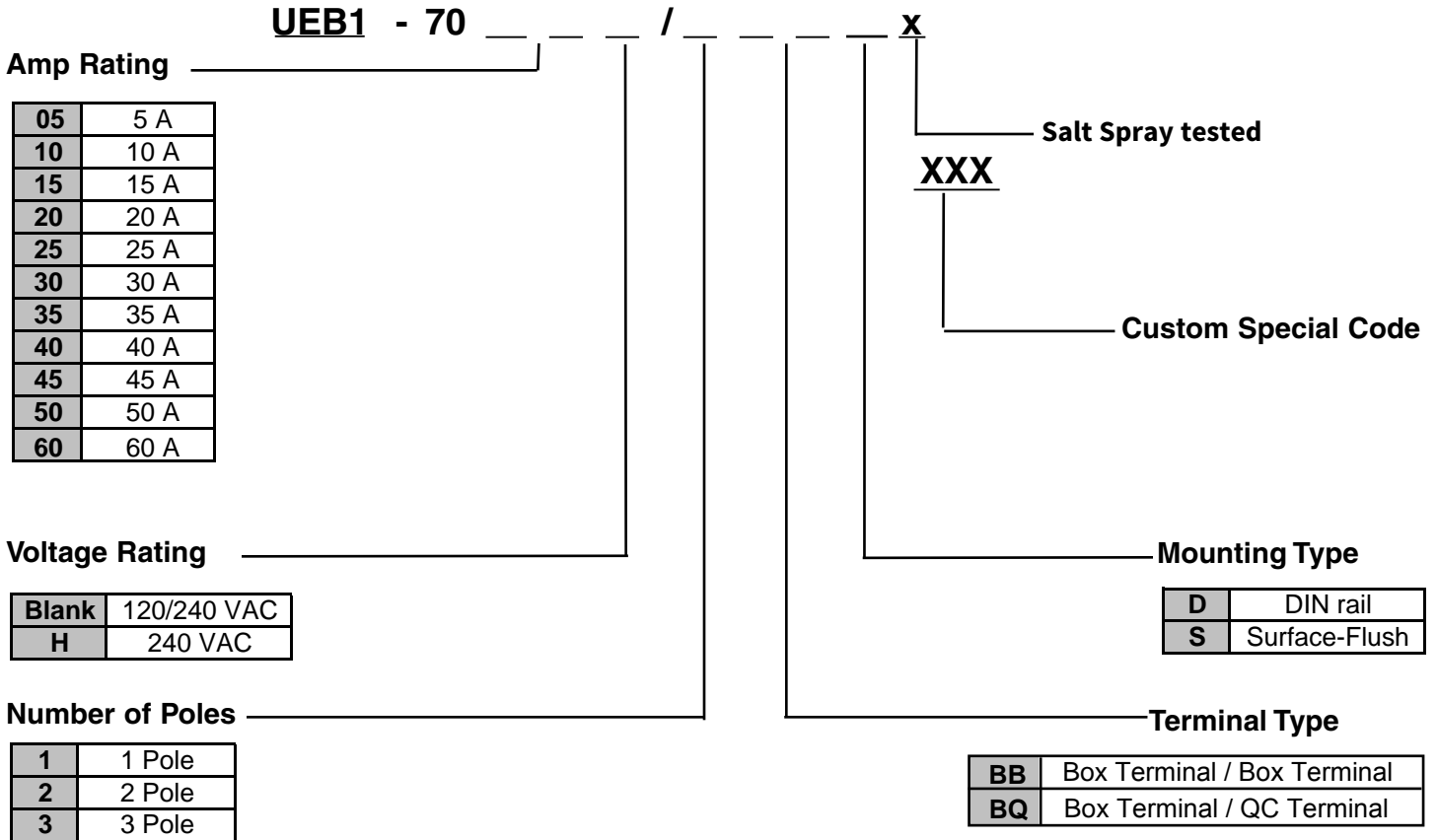
### ELECTRICAL DATA

Rated Voltage	120/240 VAC, 240 VAC
Rated Frequency	50/60 Hz
Interrupting Capacity	10 KA
Electrical Endurance	6000 cycles
Mechanical Endurance	10000 cycles

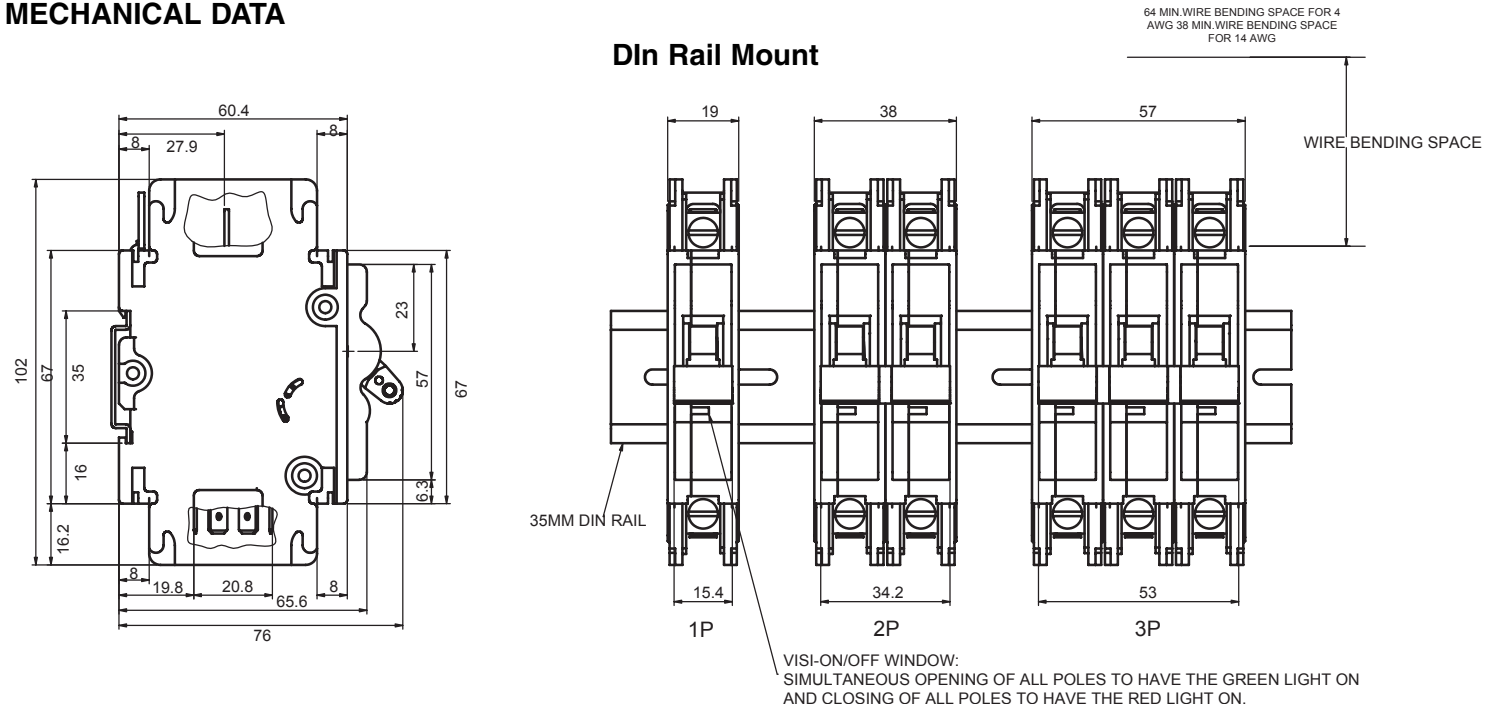
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### PART NUMBERING SYSTEM



### MECHANICAL DATA



**ZETTLER Controls, Inc.**

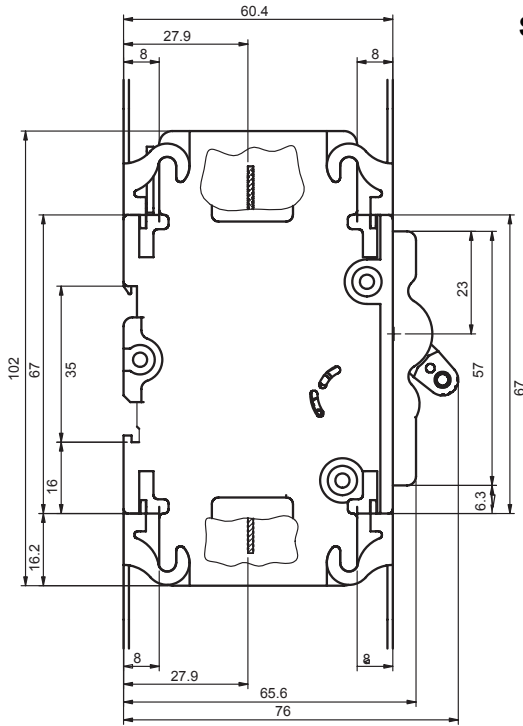
[www.zettlercontrols.com](http://www.zettlercontrols.com)

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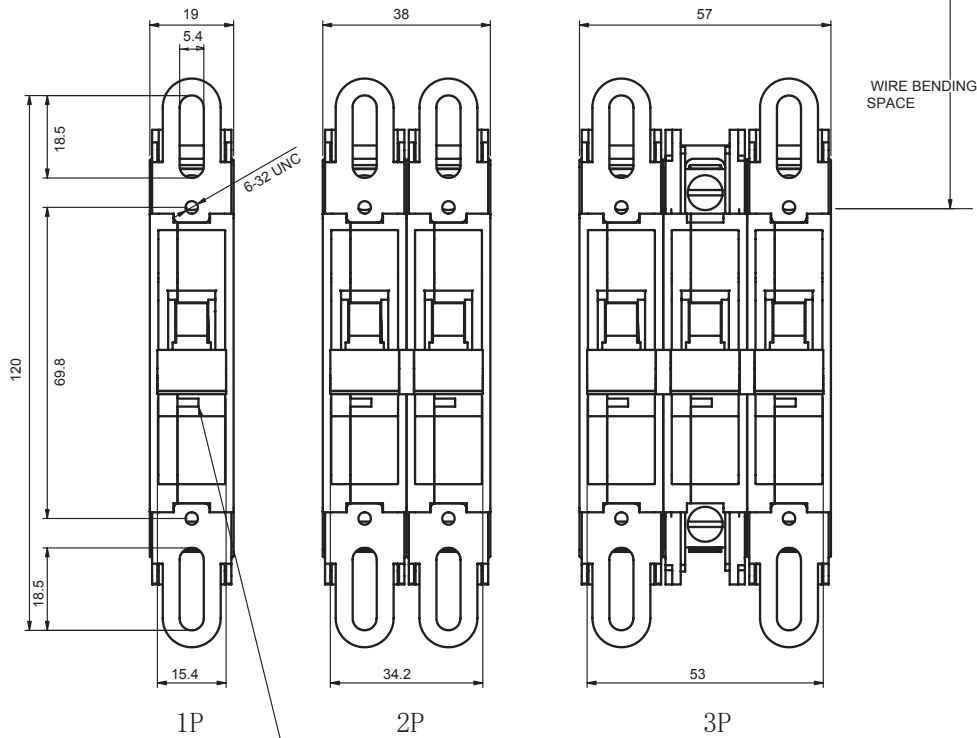
## MINIATURE CIRCUIT BREAKER

SURFACE MOUNT / FLUSH MOUNT OPTION



**Metal  
Bracket**

64 MIN. WIRE BENDING SPACE  
FOR 4 AWG 38 MIN. WIRE  
BENDING SPACE FOR 14 AWG



VISI-ON/OFF WINDOW:  
SIMULTANEOUS OPENING OF ALL POLES TO HAVE THE GREEN  
LIGHT ON AND CLOSING OF ALL POLES TO HAVE THE RED  
LIGHT ON.