

B-Trip Characteristic



UL508 Listed
E137938



Application Examples:

Business equipment, wiring protection, lighting, appliances, control circuits, some motors and some electronic applications. Relatively long thermal trip delay but low magnetic trip point.



One Pole

Standard Pack: 12

Weight:

0.3A - 32A

1.68kg (3.7 lb.)

40A - 63A

1.92kg (4.23 lb.)

Rated Current	Type/ Cat. No.	Approvals
1.0A	1BU1	UL SF
1.6A	1BU1.6	UL SF
2.0A	1BU2	UL SF
2.5A	1BU2.5	UL SF
3.0A	1BU3	UL SF
3.5A	1BU3.5	UL SF
4.0A	1BU4	UL SF
5.0A	1BU5	UL SF
6.0A	1BU6	UL SF
8.0A	NA	
10A	1BU10	UL SF
12A	NA	
12.5A	NA	
13A	1BU13	UL SF
15A	1BU15	UL SF
16A	1BU16	UL SF
20A	1BU20	UL SF
25A	1BU25	UL SF
30A	1BU30	UL SF
32A	1BU32	UL SF
40A	1BU40	UL SF
50A	1BU50	UL SF
60A	1BU60	UL SF
63A	1BU63	



One Pole plus neutral

Standard Pack: 6

Weight:

0.3A - 32A

1.56kg (3.44 lb.)

40A - 63A

1.74kg (3.84 lb.)

Rated Current	Type/ Cat. No.	Approvals
1.0A	2BNU1	UL SF
1.6A	2BNU1.6	UL SF
2.0A	2BNU2	UL SF
2.5A	2BNU2.5	UL SF
3.0A	2BNU3	UL SF
3.5A	2BNU3.5	UL SF
4.0A	2BNU4	UL SF
5.0A	2BNU5	UL SF
6.0A	2BNU6	UL SF
8.0A	NA	
10A	2BNU10	UL SF
12A	NA	
12.5A	NA	
13A	2BNU13	UL SF
15A	2BNU15	UL SF
16A	2BNU16	UL SF
20A	2BNU20	UL SF
25A	2BNU25	UL SF
30A	2BNU30	UL SF
32A	2BNU32	UL SF
40A	2BNU40	UL SF
50A	2BNU50	UL SF
60A	2BNU60	UL SF
63A	2BNU63	



Two Pole

Standard Pack: 6

Weight:

0.3A - 63A

1.68kg (3.7 lb.)

Rated Current	Type/ Cat. No.	Approvals
1.0A	2BU1	UL SF
1.6A	2BU1.6	UL SF
2.0A	2BU2	UL SF
2.5A	2BU2.5	UL SF
3.0A	2BU3	UL SF
3.5A	2BU3.5	UL SF
4.0A	2BU4	UL SF
5.0A	2BU5	UL SF
6.0A	2BU6	UL SF
8.0A	NA	
10A	2BU10	UL SF
12A	NA	
12.5A	NA	
13A	2BU13	UL SF
15A	2BU15	UL SF
16A	2BU16	UL SF
20A	2BU20	UL SF
25A	2BU25	UL SF
30A	2BU30	UL SF
32A	2BU32	UL SF
40A	2BU40	UL SF
50A	2BU50	UL SF
60A	2BU60	UL SF
63A	2BU63	



Three Pole

Standard Pack: 4

Weight:

0.3A - 63A

1.68kg (3.7 lb.)

Rated Current	Type/ Cat. No.	Approvals
1.0A	3BU1	UL SF
1.6A	3BU1.6	UL SF
2.0A	3BU2	UL SF
2.5A	3BU2.5	UL SF
3.0A	3BU3	UL SF
3.5A	3BU3.5	UL SF
4.0A	3BU4	UL SF
5.0A	3BU5	UL SF
6.0A	3BU6	UL SF
8.0A	NA	
10A	3BU10	UL SF
12A	NA	
12.5A	NA	
13A	3BU13	UL SF
15A	3BU15	UL SF
16A	3BU16	UL SF
20A	3BU20	UL SF
25A	3BU25	UL SF
30A	3BU30	UL SF
32A	3BU32	UL SF
40A	3BU40	UL SF
50A	3BU50	UL SF
60A	3BU60	UL SF
63A	3BU63	

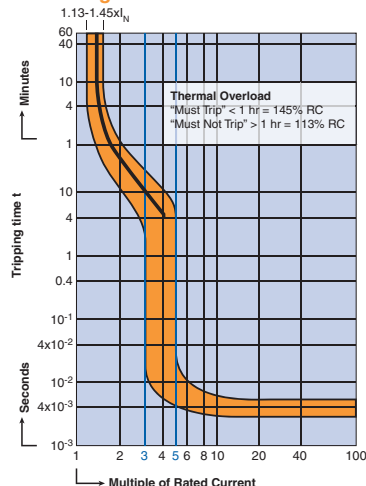


For ring tongue terminal version, replace "U" with "R" in part number. For example **1BR20** instead of **1BU20**.

V-EA Trip Curves

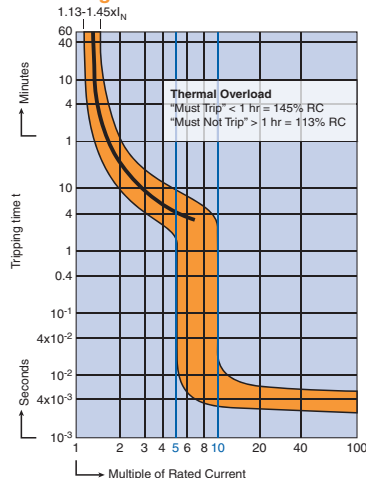
B Trip Curve

V-EA-B Trip 1.0A Through 10A Rated Current



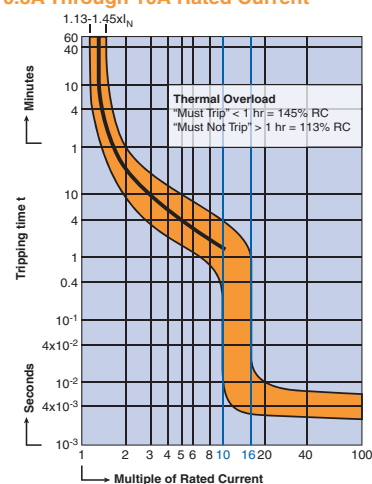
C Trip Curve

V-EA-C Trip 0.3A Through 10A Rated Current

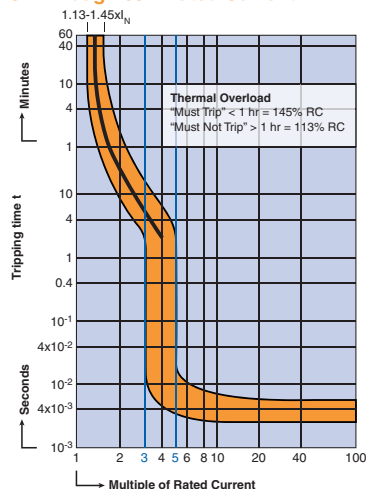


D Trip Curve

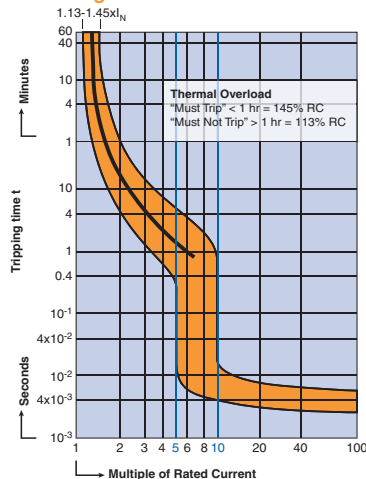
V-EA-D Trip 0.3A Through 10A Rated Current



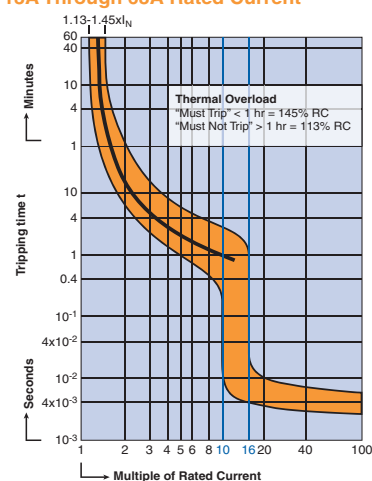
V-EA-B Trip 13A Through 63A Rated Current



V-EA-C Trip 13A Through 63A Rated Current



V-EA-D Trip 13A Through 63A Rated Current



“B” Magnetic Trip Parameters

Rated current 1.0A to 63A.

1. Hold for a minimum of 100ms at surge of 3 times rated current.
2. Trip in under 100ms at 5 times rated current.

“C” Magnetic Trip Parameters

Rated current 0.3A to 63A.

1. Hold for a minimum of 100ms at surge of 5 times rated current.
2. Trip in under 100ms at 10 times rated current.

“D” Magnetic Trip Parameters

Rated current 0.3A to 63A.

1. Hold for a minimum of 100ms at surge of 10 times rated current.
2. Trip in under 100ms at 16 times rated current.

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