

## D-Trip Characteristic



UL508 Listed  
E137938



### Application Examples:

High inrush motors, transformers, power supplies, heaters and reactive loads.  
Relatively long thermal trip delay and very high 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/<br>Cat. No. | Approvals       |
|---------------|-------------------|-----------------|
| 0.3A          | 1DU03             | UL, SP, VDE, CE |
| 0.5A          | 1DU05             | UL, SP, VDE, CE |
| 0.75A         | 1DU075            | UL, SP, VDE, CE |
| 0.8A          | NA                | UL, SP, VDE, CE |
| 1.0A          | 1DU1              | UL, SP, VDE, CE |
| 1.6A          | 1DU1.6            | UL, SP, VDE, CE |
| 2.0A          | 1DU2              | UL, SP, VDE, CE |
| 2.5A          | 1DU2.5            | UL, SP, VDE, CE |
| 3.0A          | 1DU3              | UL, SP, VDE, CE |
| 3.5A          | 1DU3.5            | UL, SP, VDE, CE |
| 4.0A          | 1DU4              | UL, SP, VDE, CE |
| 5.0A          | 1DU5              | UL, SP, VDE, CE |
| 6.0A          | 1DU6              | UL, SP, VDE, CE |
| 8.0A          | 1DU8              | UL, SP, VDE, CE |
| 10A           | 1DU10             | UL, SP, VDE, CE |
| 12A           | NA                |                 |
| 12.5A         | NA                |                 |
| 13A           | 1DU13             | UL, SP, VDE, CE |
| 15A           | 1DU15             | UL, SP, VDE, CE |
| 16A           | 1DU16             | UL, SP, VDE, CE |
| 20A           | 1DU20             | UL, SP, VDE, CE |
| 25A           | 1DU25             | UL, SP, VDE, CE |
| 30A           | 1DU30             | UL, SP, VDE, CE |
| 32A           | 1DU32             | UL, SP, VDE, CE |
| 40A           | 1DU40             | UL, SP, VDE, CE |
| 50A           | 1DU50             | UL, SP, VDE, CE |
| 60A           | 1DU60             | UL, SP, VDE, CE |
| 63A           | 1DU63             | UL, SP, VDE, CE |



**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/<br>Cat. No. | Approvals       |
|---------------|-------------------|-----------------|
| 0.3A          | 2DNU03            | UL, SP, VDE, CE |
| 0.5A          | 2DNU05            | UL, SP, VDE, CE |
| 0.75A         | 2DNU075           | UL, SP, VDE, CE |
| 0.8A          | NA                | UL, SP, VDE, CE |
| 1.0A          | 2DNU1             | UL, SP, VDE, CE |
| 1.6A          | 2DNU1.6           | UL, SP, VDE, CE |
| 2.0A          | 2DNU2             | UL, SP, VDE, CE |
| 2.5A          | 2DNU2.5           | UL, SP, VDE, CE |
| 3.0A          | 2DNU3             | UL, SP, VDE, CE |
| 3.5A          | 2DNU3.5           | UL, SP, VDE, CE |
| 4.0A          | 2DNU4             | UL, SP, VDE, CE |
| 5.0A          | 2DNU5             | UL, SP, VDE, CE |
| 6.0A          | 2DNU6             | UL, SP, VDE, CE |
| 8.0A          | 2DNU8             | UL, SP, VDE, CE |
| 10A           | 2DNU10            | UL, SP, VDE, CE |
| 12A           | NA                |                 |
| 12.5A         | NA                |                 |
| 13A           | 2DNU13            | UL, SP, VDE, CE |
| 15A           | 2DNU15            | UL, SP, VDE, CE |
| 16A           | 2DNU16            | UL, SP, VDE, CE |
| 20A           | 2DNU20            | UL, SP, VDE, CE |
| 25A           | 2DNU25            | UL, SP, VDE, CE |
| 30A           | 2DNU30            | UL, SP, VDE, CE |
| 32A           | 2DNU32            | UL, SP, VDE, CE |
| 40A           | 2DNU40            | UL, SP, VDE, CE |
| 50A           | 2DNU50            | UL, SP, VDE, CE |
| 60A           | 2DNU60            | UL, SP, VDE, CE |
| 63A           | 2DNU63            | UL, SP, VDE, CE |



**Two Pole**

Standard Pack: 6

Weight:

0.3A - 63A

1.68kg (3.7 lb.)

| Rated Current | Type/<br>Cat. No. | Approvals       |
|---------------|-------------------|-----------------|
| 0.3A          | 2DU03             | UL, SP, VDE, CE |
| 0.5A          | 2DU05             | UL, SP, VDE, CE |
| 0.75A         | 2DU075            | UL, SP, VDE, CE |
| 0.8A          | NA                | UL, SP, VDE, CE |
| 1.0A          | 2DU1              | UL, SP, VDE, CE |
| 1.6A          | 2DU1.6            | UL, SP, VDE, CE |
| 2.0A          | 2DU2              | UL, SP, VDE, CE |
| 2.5A          | 2DU2.5            | UL, SP, VDE, CE |
| 3.0A          | 2DU3              | UL, SP, VDE, CE |
| 3.5A          | 2DU3.5            | UL, SP, VDE, CE |
| 4.0A          | 2DU4              | UL, SP, VDE, CE |
| 5.0A          | 2DU5              | UL, SP, VDE, CE |
| 6.0A          | 2DU6              | UL, SP, VDE, CE |
| 8.0A          | 2DU8              | UL, SP, VDE, CE |
| 10A           | 2DU10             | UL, SP, VDE, CE |
| 12A           | NA                |                 |
| 12.5A         | NA                |                 |
| 13A           | 2DU13             | UL, SP, VDE, CE |
| 15A           | 2DU15             | UL, SP, VDE, CE |
| 16A           | 2DU16             | UL, SP, VDE, CE |
| 20A           | 2DU20             | UL, SP, VDE, CE |
| 25A           | 2DU25             | UL, SP, VDE, CE |
| 30A           | 2DU30             | UL, SP, VDE, CE |
| 32A           | 2DU32             | UL, SP, VDE, CE |
| 40A           | 2DU40             | UL, SP, VDE, CE |
| 50A           | 2DU50             | UL, SP, VDE, CE |
| 60A           | 2DU60             | UL, SP, VDE, CE |
| 63A           | 2DU63             | UL, SP, VDE, CE |



**Three Pole**

Standard Pack: 4

Weight:

0.3A - 63A

1.68kg (3.7 lb.)

| Rated Current | Type/<br>Cat. No. | Approvals       |
|---------------|-------------------|-----------------|
| 0.3A          | 3DU03             | UL, SP, VDE, CE |
| 0.5A          | 3DU05             | UL, SP, VDE, CE |
| 0.75A         | 3DU075            | UL, SP, VDE, CE |
| 0.8A          | NA                | UL, SP, VDE, CE |
| 1.0A          | 3DU1              | UL, SP, VDE, CE |
| 1.6A          | 3DU1.6            | UL, SP, VDE, CE |
| 2.0A          | 3DU2              | UL, SP, VDE, CE |
| 2.5A          | 3DU2.5            | UL, SP, VDE, CE |
| 3.0A          | 3DU3              | UL, SP, VDE, CE |
| 3.5A          | 3DU3.5            | UL, SP, VDE, CE |
| 4.0A          | 3DU4              | UL, SP, VDE, CE |
| 5.0A          | 3DU5              | UL, SP, VDE, CE |
| 6.0A          | 3DU6              | UL, SP, VDE, CE |
| 8.0A          | 3DU8              | UL, SP, VDE, CE |
| 10A           | 3DU10             | UL, SP, VDE, CE |
| 12A           | NA                |                 |
| 12.5A         | NA                |                 |
| 13A           | 3DU13             | UL, SP, VDE, CE |
| 15A           | 3DU15             | UL, SP, VDE, CE |
| 16A           | 3DU16             | UL, SP, VDE, CE |
| 20A           | 3DU20             | UL, SP, VDE, CE |
| 25A           | 3DU25             | UL, SP, VDE, CE |
| 30A           | 3DU30             | UL, SP, VDE, CE |
| 32A           | 3DU32             | UL, SP, VDE, CE |
| 40A           | 3DU40             | UL, SP, VDE, CE |
| 50A           | 3DU50             | UL, SP, VDE, CE |
| 60A           | 3DU60             | UL, SP, VDE, CE |
| 63A           | 3DU63             | UL, SP, VDE, CE |

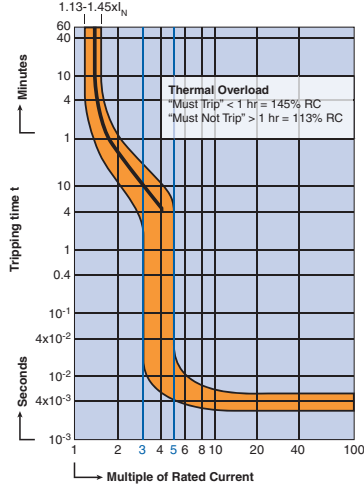


For ring tongue terminal version, replace "U" with "R" in part number. For example 1BR20 instead of 1BU20.

## V-EA Trip Curves

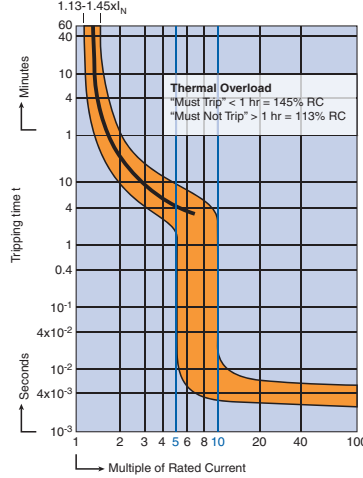
### B Trip Curve

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



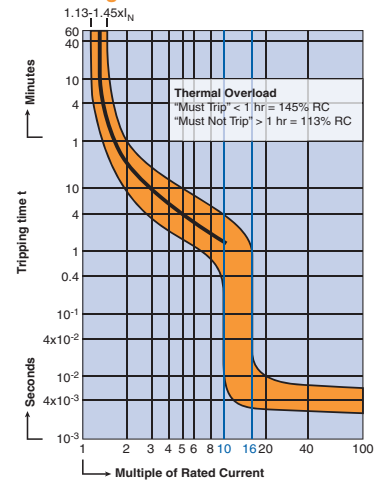
### C Trip Curve

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

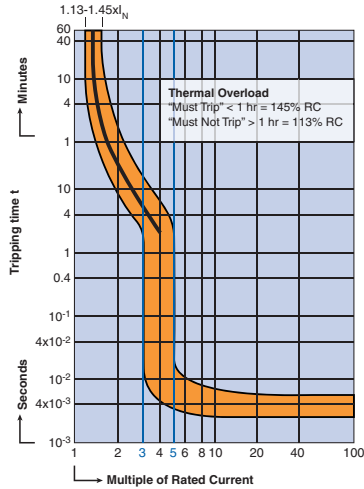


### D Trip Curve

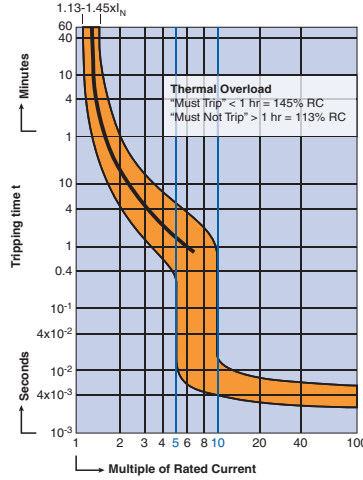
#### V-EA-D Trip 0.3A Through 10A Rated Current



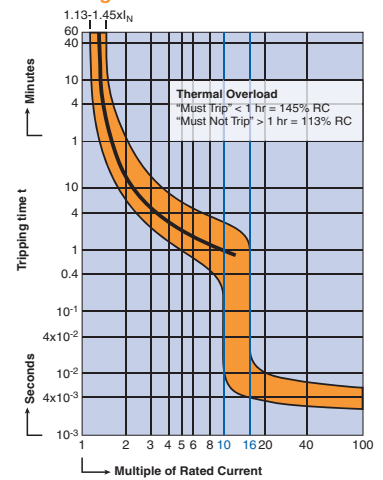
#### V-EA-B Trip 13A Through 63A Rated Current



#### 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.