

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## SEMICONDUCTOR PROTECTION FUSES

### NH SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION



The 690/700V Protistor® fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These NH style fuse-links are defined as per DIN 43620/00 for a worldwide acceptance into NH modular system fuse-holders, fuse switch disconnectors for direct installation.

The Protistor® have been engineered to provide state-of-the-art protection for semiconductors: diodes, thyristors, GTO's and IGBT devices. Fuses are assembled with pure silver, die-cut elements embedded in solidified sand, which helps control arcing characteristics for a lower  $I^2t$  and high interrupting rating level. All contact surfaces are silver plated and all hardware is non-magnetic. Each fuse-link can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

## TECHNICAL DATA OVERVIEW

|                      |                        |
|----------------------|------------------------|
| Voltage AC           | 690 VAC                |
| Ampere Range (A)     | 16 ... 1000 A          |
| Size per Standard    | NH 000, 00, 0, 1, 2, 3 |
| Speed/Characteristic | aR                     |

## FEATURES & BENEFITS

- Multiple body sizes
- aR Class according to VDE 636-23 and IEC 60269-4
- Very low  $I^2t$  for improved semiconductor protection
- Ultra fast acting
- Current limiting
- Superior cycling capability
- Indication system with double indicator

## APPLICATIONS

- Protection of inverters, UPS systems, motor drives and similar 700V or less equipment.

## STANDARDS

- UL/CSA Recognized Component
- IEC 60269-4 Compliance



# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## PRODUCT RANGE



### Size 000 aR 690VAC

NH000UD69V200PV

| Catalog number  | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$      | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight  | Package |
|-----------------|-------------|------------------------|-----------------------|---------------------|------------------------|----------------------------------|----------------------------|----------------------------|---------|---------|
| NH000UD69V16PV  | P320035     | 690 V                  | 700 V                 | 16 A                | 8 A <sup>2</sup> s     | 0.05 kA <sup>2</sup> s           | 80 kA                      | 2.8 W                      | 0.13 kg | 3       |
| NH000UD69V20PV  | R320037     | 690 V                  | 700 V                 | 20 A                | 15 A <sup>2</sup> s    | 0.09 kA <sup>2</sup> s           | 80 kA                      | 2.8 W                      | 0.13 kg | 3       |
| NH000UD69V25PV  | T320039     | 690 V                  | 700 V                 | 25 A                | 21 A <sup>2</sup> s    | 0.13 kA <sup>2</sup> s           | 80 kA                      | 4.2 W                      | 0.13 kg | 3       |
| NH000UD69V32PV  | Y320043     | 690 V                  | 700 V                 | 32 A                | 46 A <sup>2</sup> s    | 0.27 kA <sup>2</sup> s           | 80 kA                      | 5.5 W                      | 0.13 kg | 3       |
| NH000UD69V40PV  | C320047     | 690 V                  | 700 V                 | 40 A                | 67 A <sup>2</sup> s    | 0.4 kA <sup>2</sup> s            | 80 kA                      | 5.5 W                      | 0.13 kg | 3       |
| NH000UD69V50PV  | G320051     | 690 V                  | 700 V                 | 50 A                | 110 A <sup>2</sup> s   | 0.63 kA <sup>2</sup> s           | 80 kA                      | 9.7 W                      | 0.13 kg | 3       |
| NH000UD69V63PV  | L320055     | 690 V                  | 700 V                 | 63 A                | 216 A <sup>2</sup> s   | 1.3 kA <sup>2</sup> s            | 80 kA                      | 12.5 W                     | 0.13 kg | 3       |
| NH000UD69V80PV  | Q320059     | 690 V                  | 700 V                 | 80 A                | 348 A <sup>2</sup> s   | 2 kA <sup>2</sup> s              | 80 kA                      | 16.7 W                     | 0.13 kg | 3       |
| NH000UD69V100PV | V320063     | 690 V                  | 700 V                 | 100 A               | 722 A <sup>2</sup> s   | 4.3 kA <sup>2</sup> s            | 80 kA                      | 19.4 W                     | 0.13 kg | 3       |
| NH000UD69V125PV | X320065     | 690 V                  | 700 V                 | 125 A               | 1390 A <sup>2</sup> s  | 8.2 kA <sup>2</sup> s            | 80 kA                      | 20.8 W                     | 0.13 kg | 3       |
| NH000UD69V160PV | B320069     | 690 V                  | 700 V                 | 160 A               | 2080 A <sup>2</sup> s  | 12.2 kA <sup>2</sup> s           | 80 kA                      | 30.5 W                     | 0.13 kg | 3       |
| NH000UD69V200PV | D320071     | 690 V                  | 700 V                 | 200 A               | 3870 A <sup>2</sup> s  | 22.7 kA <sup>2</sup> s           | 80 kA                      | 36.1 W                     | 0.13 kg | 3       |
| NH000UD69V250PV | H320075     | 690 V                  | 700 V                 | 250 A               | 7540 A <sup>2</sup> s  | 44.4 kA <sup>2</sup> s           | 80 kA                      | 44.1 W                     | 0.13 kg | 3       |
| NH000UD50V315PV | M320079     | 500 V                  | 550 V                 | 315 A               | 15400 A <sup>2</sup> s | 90.7 kA <sup>2</sup> s           | 80 kA                      | 60.2 W                     | 0.13 kg | 3       |



### Size 00 aR 690VAC

NH00UD69V125PV

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$      | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight | Package |
|----------------|-------------|------------------------|-----------------------|---------------------|------------------------|----------------------------------|----------------------------|----------------------------|--------|---------|
| NH00UD69V20PV  | A320137     | 690 V                  | 700 V                 | 20 A                | 16 A <sup>2</sup> s    | 0.09 kA <sup>2</sup> s           | 170 kA                     | 2.8 W                      | 0.2 kg | 3       |
| NH00UD69V25PV  | C320139     | 690 V                  | 700 V                 | 25 A                | 21 A <sup>2</sup> s    | 0.13 kA <sup>2</sup> s           | 170 kA                     | 4.2 W                      | 0.2 kg | 3       |
| NH00UD69V32PV  | G320143     | 690 V                  | 700 V                 | 32 A                | 46 A <sup>2</sup> s    | 0.27 kA <sup>2</sup> s           | 170 kA                     | 5.5 W                      | 0.2 kg | 3       |
| NH00UD69V40PV  | L320147     | 690 V                  | 700 V                 | 40 A                | 67 A <sup>2</sup> s    | 0.4 kA <sup>2</sup> s            | 170 kA                     | 8.3 W                      | 0.2 kg | 3       |
| NH00UD69V50PV  | Q320151     | 690 V                  | 700 V                 | 50 A                | 110 A <sup>2</sup> s   | 0.63 kA <sup>2</sup> s           | 170 kA                     | 9.7 W                      | 0.2 kg | 3       |
| NH00UD69V63PV  | V320155     | 690 V                  | 700 V                 | 63 A                | 216 A <sup>2</sup> s   | 1.3 kA <sup>2</sup> s            | 170 kA                     | 12.5 W                     | 0.2 kg | 3       |
| NH00UD69V80PV  | Z320159     | 690 V                  | 700 V                 | 80 A                | 348 A <sup>2</sup> s   | 2 kA <sup>2</sup> s              | 170 kA                     | 16.7 W                     | 0.2 kg | 3       |
| NH00UD69V100PV | D320163     | 690 V                  | 700 V                 | 100 A               | 722 A <sup>2</sup> s   | 4.3 kA <sup>2</sup> s            | 170 kA                     | 19.4 W                     | 0.2 kg | 3       |
| NH00UD69V125PV | F320165     | 690 V                  | 700 V                 | 125 A               | 1390 A <sup>2</sup> s  | 8.2 kA <sup>2</sup> s            | 170 kA                     | 20.8 W                     | 0.2 kg | 3       |
| NH00UD69V160PV | K320169     | 690 V                  | 700 V                 | 160 A               | 2070 A <sup>2</sup> s  | 12.2 kA <sup>2</sup> s           | 170 kA                     | 30.5 W                     | 0.2 kg | 3       |
| NH00UD69V200PV | M320171     | 690 V                  | 700 V                 | 200 A               | 3870 A <sup>2</sup> s  | 22.7 kA <sup>2</sup> s           | 170 kA                     | 36.1 W                     | 0.2 kg | 3       |
| NH00UD69V250PV | R320175     | 690 V                  | 700 V                 | 250 A               | 7540 A <sup>2</sup> s  | 44.4 kA <sup>2</sup> s           | 170 kA                     | 44.4 W                     | 0.2 kg | 3       |
| NH00UD69V315PV | W320179     | 690 V                  | 700 V                 | 315 A               | 15400 A <sup>2</sup> s | 90.7 kA <sup>2</sup> s           | 170 kA                     | 60 W                       | 0.2 kg | 3       |

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## PRODUCT RANGE



NH0UD69V315PV

### Size 0 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight  | Package |
|----------------|-------------|------------------------|-----------------------|---------------------|-------------------|----------------------------------|----------------------------|----------------------------|---------|---------|
| NH0UD69V32PV   | Q320243     | 690 V                  | 700 V                 | 32 A                | 32 A²s            | 0.17 kA²s                        | 170 kA                     | 19.4 W                     | 0.27 kg | 3       |
| NH0UD69V40PV   | V320247     | 690 V                  | 700 V                 | 40 A                | 54 A²s            | 0.28 kA²s                        | 170 kA                     | 20.8 W                     | 0.27 kg | 3       |
| NH0UD69V50PV   | Z320251     | 690 V                  | 700 V                 | 50 A                | 87 A²s            | 0.47 kA²s                        | 170 kA                     | 20.8 W                     | 0.27 kg | 3       |
| NH0UD69V63PV   | D320255     | 690 V                  | 700 V                 | 63 A                | 128 A²s           | 0.7 kA²s                         | 170 kA                     | 23.6 W                     | 0.27 kg | 3       |
| NH0UD69V80PV   | H320259     | 690 V                  | 700 V                 | 80 A                | 184 A²s           | 0.97 kA²s                        | 170 kA                     | 25 W                       | 0.27 kg | 3       |
| NH0UD69V100PV  | M320263     | 690 V                  | 700 V                 | 100 A               | 392 A²s           | 2.08 kA²s                        | 170 kA                     | 30.5 W                     | 0.27 kg | 3       |
| NH0UD69V125PV  | P320265     | 690 V                  | 700 V                 | 125 A               | 722 A²s           | 3.89 kA²s                        | 170 kA                     | 36.1 W                     | 0.27 kg | 3       |
| NH0UD69V160PV  | T320269     | 690 V                  | 700 V                 | 160 A               | 1550 A²s          | 8.32 kA²s                        | 170 kA                     | 44.4 W                     | 0.27 kg | 3       |
| NH0UD69V200PV  | W320271     | 690 V                  | 700 V                 | 200 A               | 2950 A²s          | 15.9 kA²s                        | 170 kA                     | 54.2 W                     | 0.27 kg | 3       |
| NH0UD69V250PV  | A320275     | 690 V                  | 700 V                 | 250 A               | 5580 A²s          | 29.9 kA²s                        | 170 kA                     | 66.7 W                     | 0.27 kg | 3       |
| NH0UD69V315PV  | E320279     | 690 V                  | 700 V                 | 315 A               | 11600 A²s         | 62.3 kA²s                        | 170 kA                     | 80 W                       | 0.27 kg | 3       |



NH1UD69V315PV

### Size 1 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current $I_n$ | Pre-arcing $I^2t$ | Clearing $I^2t$ at Rated Voltage | Rated breaking capacity AC | Power dissipation at $I_n$ | Weight  | Package |
|----------------|-------------|------------------------|-----------------------|---------------------|-------------------|----------------------------------|----------------------------|----------------------------|---------|---------|
| NH1UD69V63PV   | M320355     | 690 V                  | 700 V                 | 63 A                | 128 A²s           | 0.7 kA²s                         | 170 kA                     | 36.1 W                     | 0.42 kg | 3       |
| NH1UD69V80PV   | K320399     | 690 V                  | 700 V                 | 80 A                | 216 A²s           | 1.17 kA²s                        | 170 kA                     | 43 W                       | 0.42 kg | 3       |
| NH1UD69V100PV  | W320363     | 690 V                  | 700 V                 | 100 A               | 288 A²s           | 1.57 kA²s                        | 170 kA                     | 45.8 W                     | 0.42 kg | 3       |
| NH1UD69V125PV  | Y320365     | 690 V                  | 700 V                 | 125 A               | 620 A²s           | 3.32 kA²s                        | 170 kA                     | 53 W                       | 0.42 kg | 3       |
| NH1UD69V160PV  | C320369     | 690 V                  | 700 V                 | 160 A               | 1170 A²s          | 6.27 kA²s                        | 170 kA                     | 58 W                       | 0.42 kg | 3       |
| NH1UD69V200PV  | E320371     | 690 V                  | 700 V                 | 200 A               | 2480 A²s          | 13.3 kA²s                        | 170 kA                     | 66.7 W                     | 0.42 kg | 3       |
| NH1UD69V250PV  | J320375     | 690 V                  | 700 V                 | 250 A               | 4690 A²s          | 25.1 kA²s                        | 170 kA                     | 75 W                       | 0.42 kg | 3       |
| NH1UD69V315PV  | N320379     | 690 V                  | 700 V                 | 315 A               | 9580 A²s          | 51.4 kA²s                        | 170 kA                     | 83 W                       | 0.42 kg | 3       |
| NH1UD69V350PV  | P320380     | 690 V                  | 700 V                 | 350 A               | 13500 A²s         | 72.3 kA²s                        | 170 kA                     | 89 W                       | 0.42 kg | 3       |
| NH1UD69V400PV  | S320383     | 690 V                  | 700 V                 | 400 A               | 19500 A²s         | 105 kA²s                         | 170 kA                     | 97 W                       | 0.42 kg | 3       |

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## PRODUCT RANGE



NH2UD69V500PV

### Size 2

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I <sub>n</sub> | Pre-arcing I <sup>2</sup> t | Clearing I <sup>2</sup> t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I <sub>n</sub> | Weight  | Package |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH2UD69V160PV  | L320469     | 690 V                  | 700 V                 | 160 A                        | 968 A <sup>2</sup> s        | 5.18 kA <sup>2</sup> s                     | 170 kA                     | 75 W                                | 0.62 kg | 3       |
| NH2UD69V200PV  | N320471     | 690 V                  | 700 V                 | 200 A                        | 1710 A <sup>2</sup> s       | 9.22 kA <sup>2</sup> s                     | 170 kA                     | 83 W                                | 0.62 kg | 3       |
| NH2UD69V250PV  | S320475     | 690 V                  | 700 V                 | 250 A                        | 3500 A <sup>2</sup> s       | 18.7 kA <sup>2</sup> s                     | 170 kA                     | 93 W                                | 0.62 kg | 3       |
| NH2UD69V315PV  | X320479     | 690 V                  | 700 V                 | 315 A                        | 6870 A <sup>2</sup> s       | 36.9 kA <sup>2</sup> s                     | 170 kA                     | 108 W                               | 0.62 kg | 3       |
| NH2UD69V350PV  | Y320480     | 690 V                  | 700 V                 | 350 A                        | 9580 A <sup>2</sup> s       | 51.4 kA <sup>2</sup> s                     | 170 kA                     | 116 W                               | 0.62 kg | 3       |
| NH2UD69V400PV  | B320483     | 690 V                  | 700 V                 | 400 A                        | 13500 A <sup>2</sup> s      | 72.3 kA <sup>2</sup> s                     | 170 kA                     | 125 W                               | 0.62 kg | 3       |
| NH2UD69V450PV  | D320485     | 690 V                  | 700 V                 | 450 A                        | 21000 A <sup>2</sup> s      | 113 kA <sup>2</sup> s                      | 170 kA                     | 139 W                               | 0.62 kg | 3       |
| NH2UD69V500PV  | F320487     | 690 V                  | 700 V                 | 500 A                        | 27500 A <sup>2</sup> s      | 147 kA <sup>2</sup> s                      | 170 kA                     | 147 W                               | 0.62 kg | 3       |
| NH2UD69V550PV  | G320488     | 690 V                  | 700 V                 | 550 A                        | 38400 A <sup>2</sup> s      | 206 kA <sup>2</sup> s                      | 170 kA                     | 155 W                               | 0.62 kg | 3       |
| NH2UD69V630PV  | H320489     | 690 V                  | 700 V                 | 630 A                        | 58600 A <sup>2</sup> s      | 315 kA <sup>2</sup> s                      | 170 kA                     | 169 W                               | 0.62 kg | 3       |
| NH2UD69V700PV  | J320490     | 690 V                  | 700 V                 | 700 A                        | 78100 A <sup>2</sup> s      | 420 kA <sup>2</sup> s                      | 170 kA                     | 175 W                               | 0.62 kg | 3       |



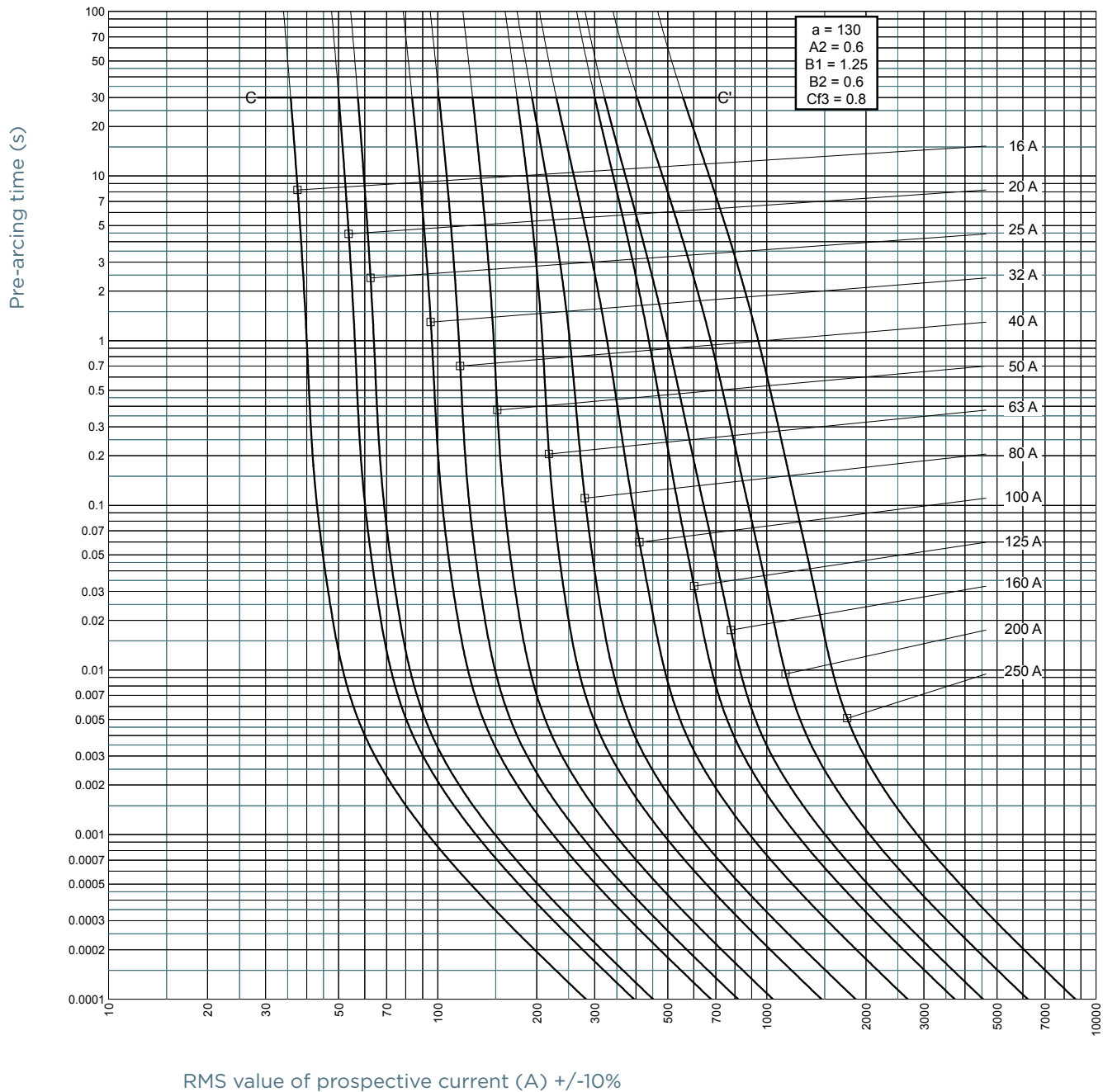
NH3UD69V700PV

### Size 3 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I <sub>n</sub> | Pre-arcing I <sup>2</sup> t | Clearing I <sup>2</sup> t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I <sub>n</sub> | Weight  | Package |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH3UD69V315PV  | F320579     | 690 V                  | 700 V                 | 315 A                        | 5240 A <sup>2</sup> s       | 28.2 kA <sup>2</sup> s                     | 170 kA                     | 113 W                               | 1.05 kg | 1       |
| NH3UD69V350PV  | G320580     | 690 V                  | 700 V                 | 350 A                        | 7540 A <sup>2</sup> s       | 40.6 kA <sup>2</sup> s                     | 170 kA                     | 117 W                               | 1.05 kg | 1       |
| NH3UD69V400PV  | K320583     | 690 V                  | 700 V                 | 400 A                        | 10500 A <sup>2</sup> s      | 56.5 kA <sup>2</sup> s                     | 170 kA                     | 130 W                               | 1.05 kg | 1       |
| NH3UD69V450PV  | M320585     | 690 V                  | 700 V                 | 450 A                        | 15700 A <sup>2</sup> s      | 84.3 kA <sup>2</sup> s                     | 170 kA                     | 139 W                               | 1.05 kg | 1       |
| NH3UD69V500PV  | P320587     | 690 V                  | 700 V                 | 500 A                        | 22200 A <sup>2</sup> s      | 119 kA <sup>2</sup> s                      | 170 kA                     | 150 W                               | 1.05 kg | 1       |
| NH3UD69V550PV  | Q320588     | 690 V                  | 700 V                 | 550 A                        | 30300 A <sup>2</sup> s      | 163 kA <sup>2</sup> s                      | 170 kA                     | 160 W                               | 1.05 kg | 1       |
| NH3UD69V630PV  | R320589     | 690 V                  | 700 V                 | 630 A                        | 42100 A <sup>2</sup> s      | 226 kA <sup>2</sup> s                      | 170 kA                     | 175 W                               | 1.05 kg | 1       |
| NH3UD69V700PV  | S320590     | 690 V                  | 700 V                 | 700 A                        | 61700 A <sup>2</sup> s      | 332 kA <sup>2</sup> s                      | 170 kA                     | 200 W                               | 1.05 kg | 1       |
| NH3UD69V800PV  | T320591     | 690 V                  | 700 V                 | 800 A                        | 88900 A <sup>2</sup> s      | 478 kA <sup>2</sup> s                      | 170 kA                     | 220 W                               | 1.05 kg | 1       |
| NH3UD69V900PV  | V320592     | 690 V                  | 700 V                 | 900 A                        | 124000 A <sup>2</sup> s     | 666 kA <sup>2</sup> s                      | 170 kA                     | 250 W                               | 1.05 kg | 1       |
| NH3UD69V1000PV | W320593     | 690 V                  | 700 V                 | 1000 A                       | 178000 A <sup>2</sup> s     | 959 kA <sup>2</sup> s                      | 170 kA                     | 280 W                               | 1.05 kg | 1       |

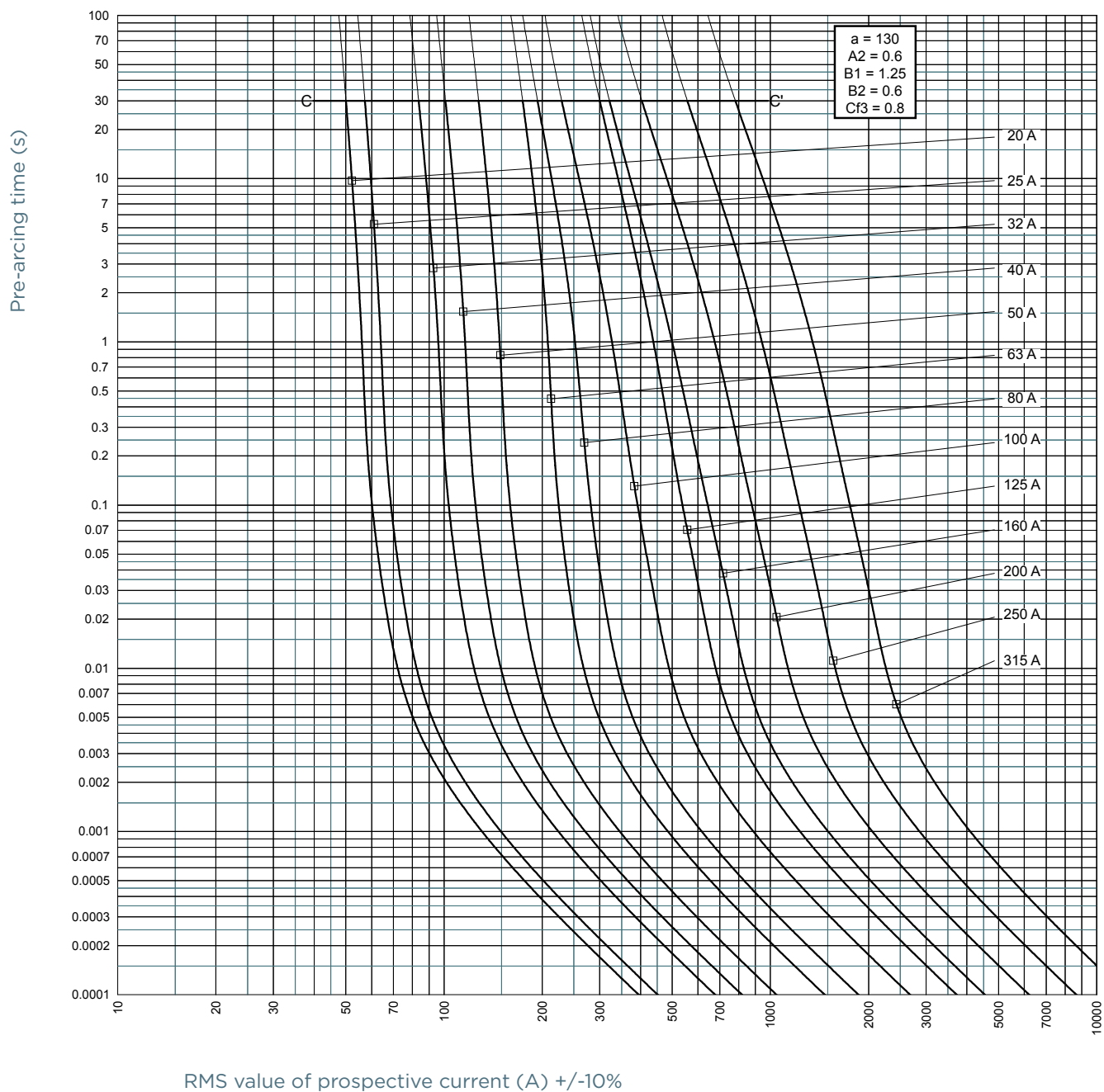
## TIME CURRENT CHARACTERISTIC CURVES

### Size 000



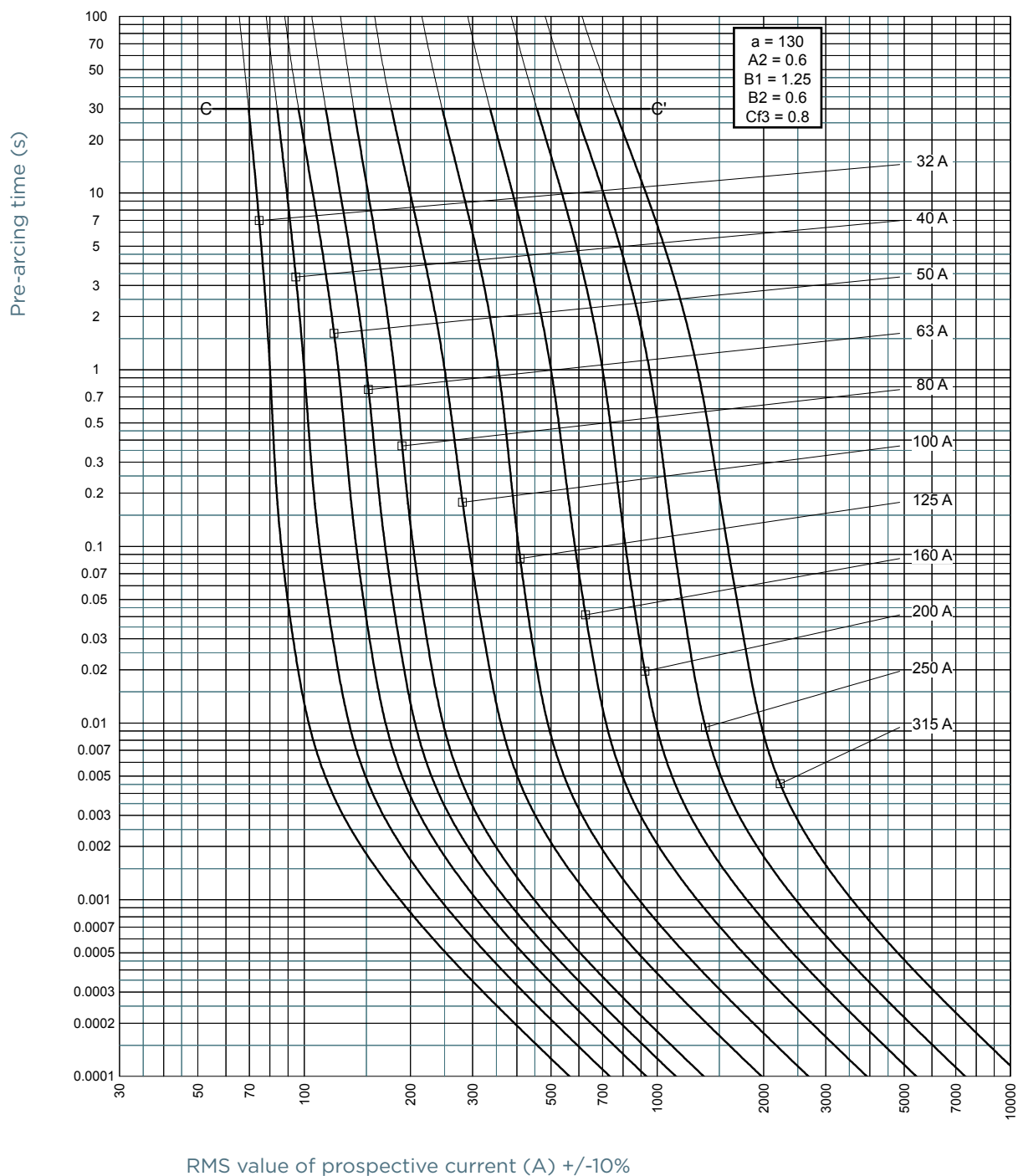
## TIME CURRENT CHARACTERISTIC CURVES

### Size 00



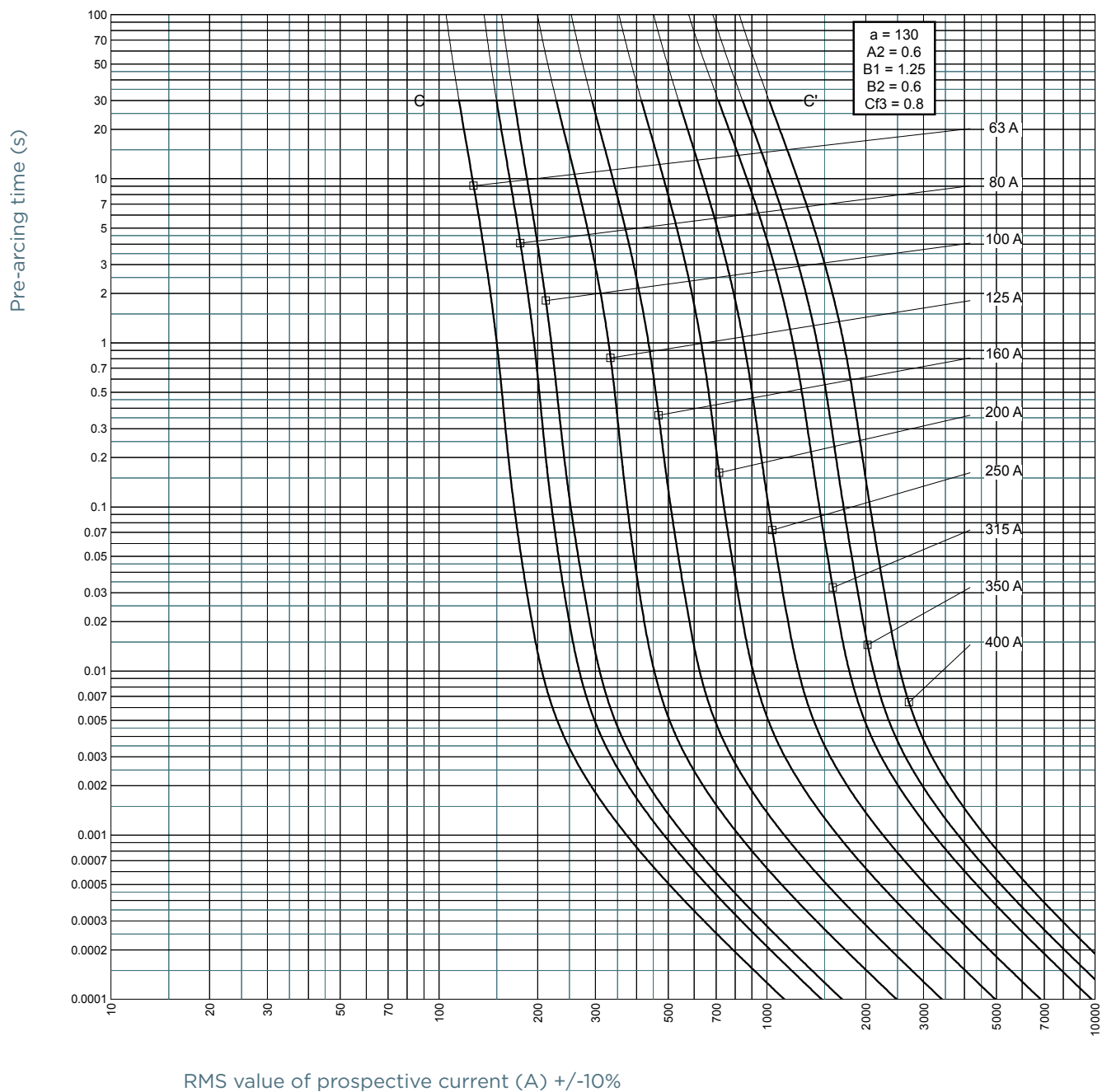
## TIME CURRENT CHARACTERISTIC CURVES

### Size 0



## TIME CURRENT CHARACTERISTIC CURVES

### Size 1



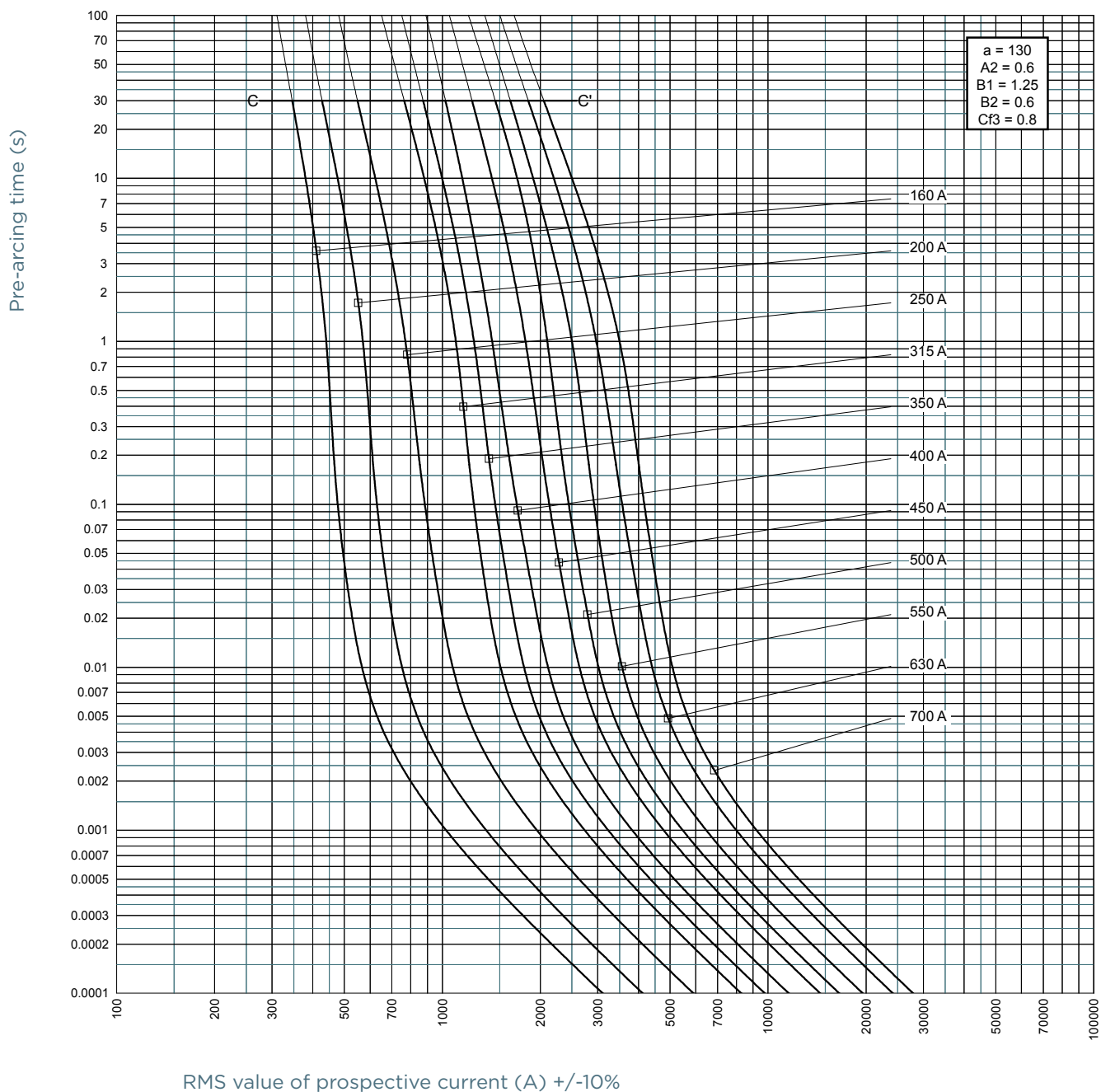


# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## TIME CURRENT CHARACTERISTIC CURVES

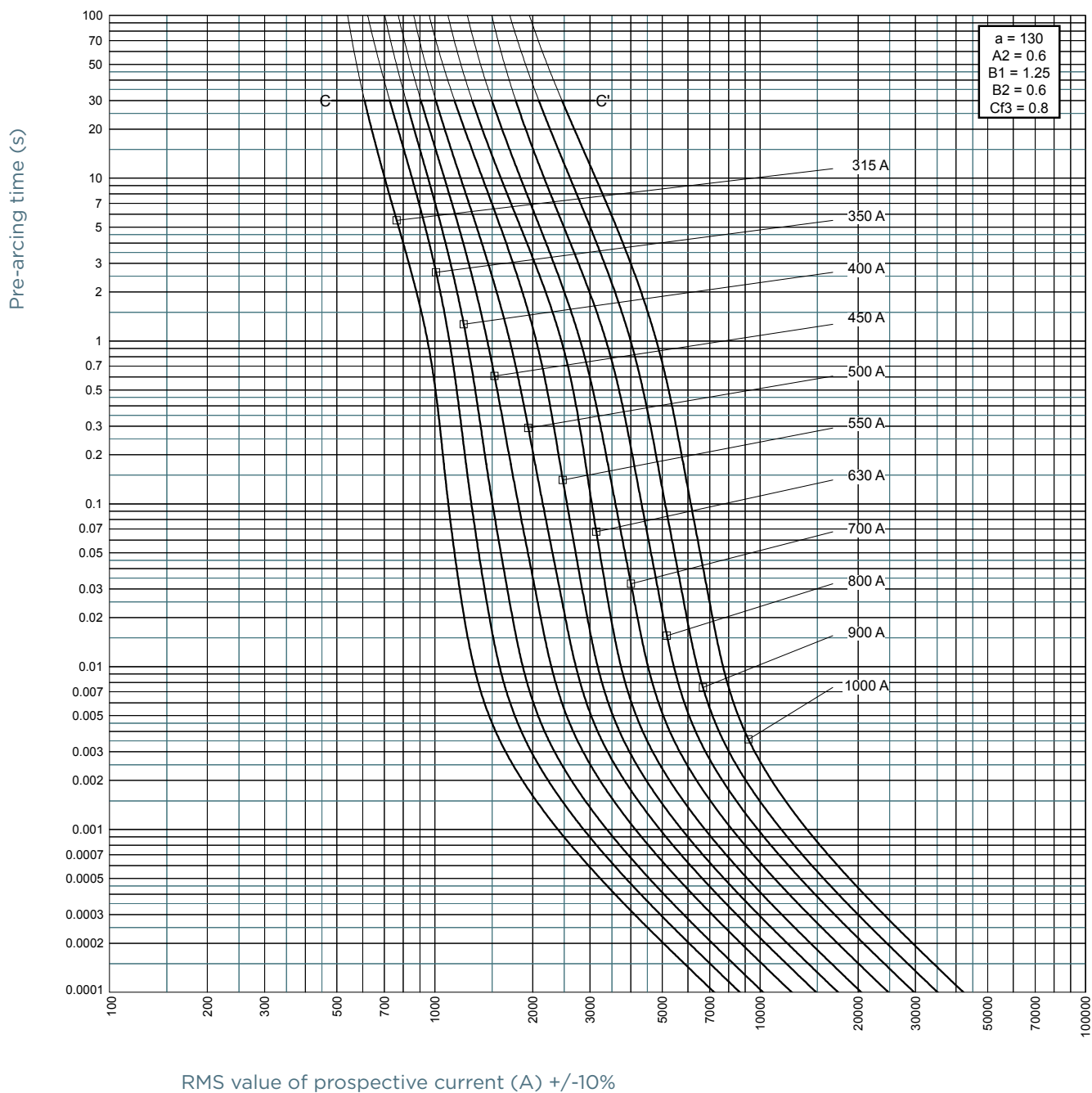
### Size 2



MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

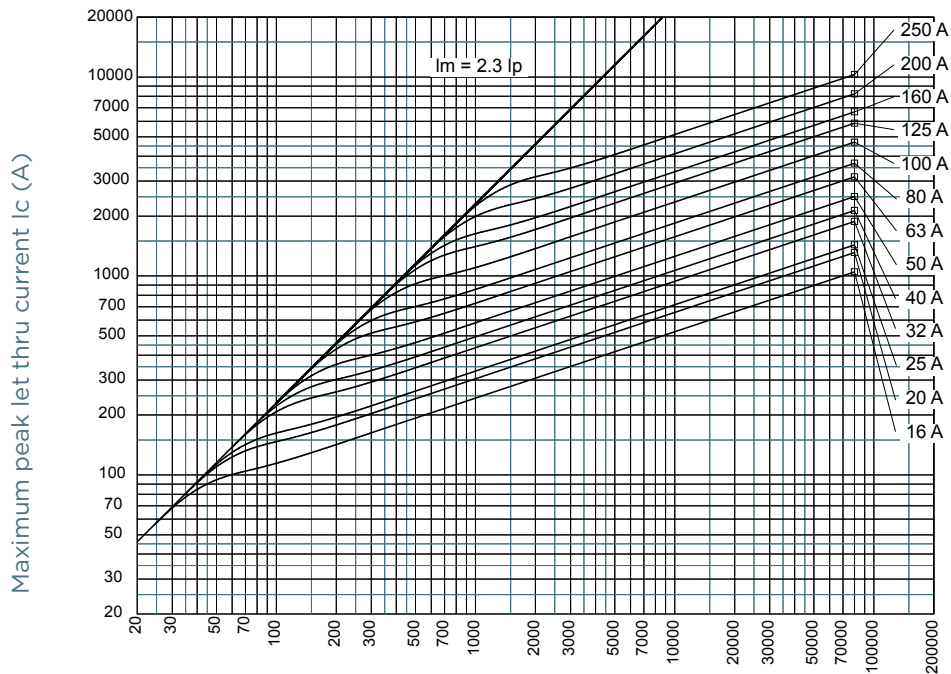
## TIME CURRENT CHARACTERISTIC CURVES

### Size 3



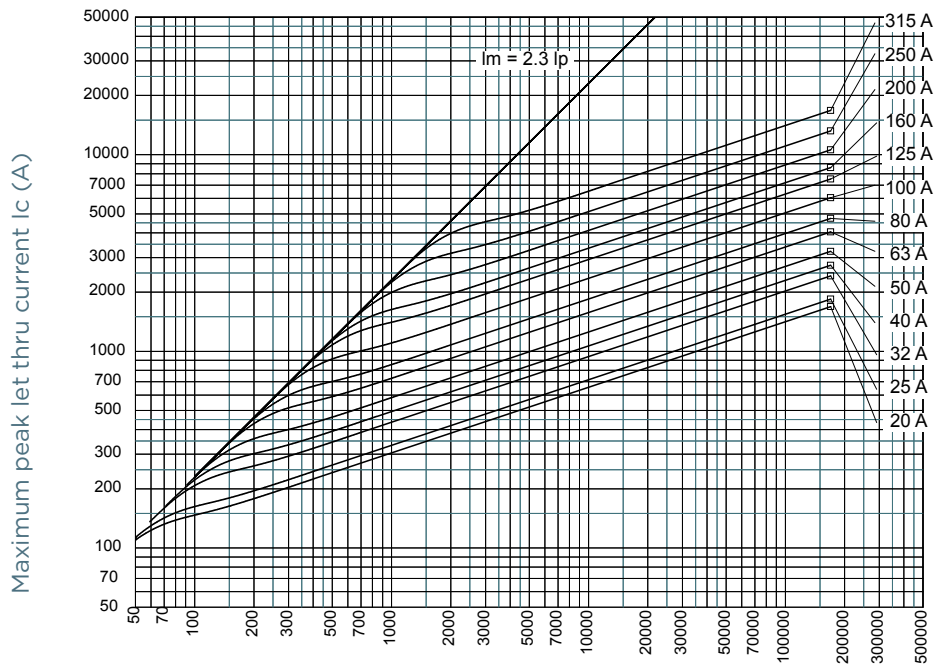
## CUT-OFF CURRENT CHARACTERISTIC

### Size 000



50 Hz RMS symmetrical prospective current  $I_p$  (A)

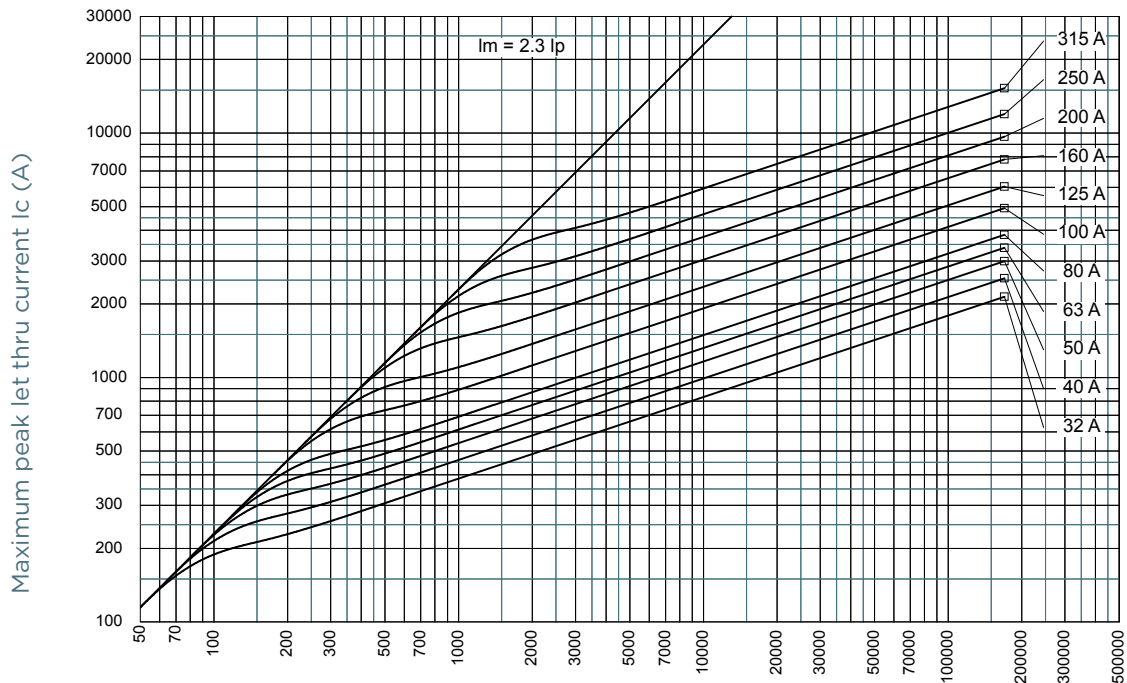
### Size 00



50 Hz RMS symmetrical prospective current  $I_p$  (A)

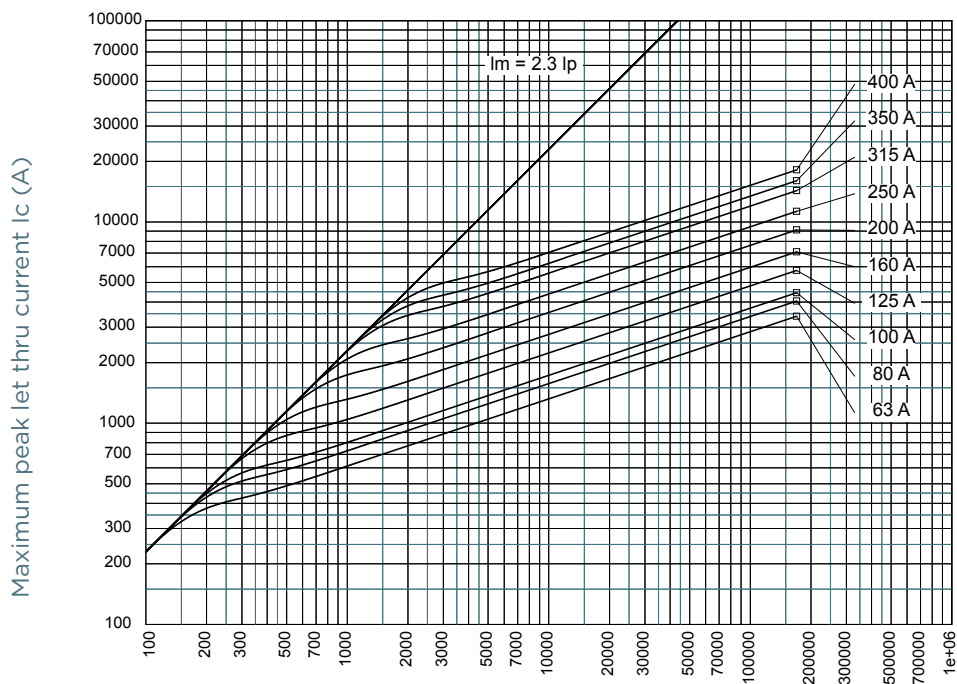
## CUT-OFF CURRENT CHARACTERISTIC

### Size 0



50 Hz RMS symmetrical prospective current  $I_p$  (A)

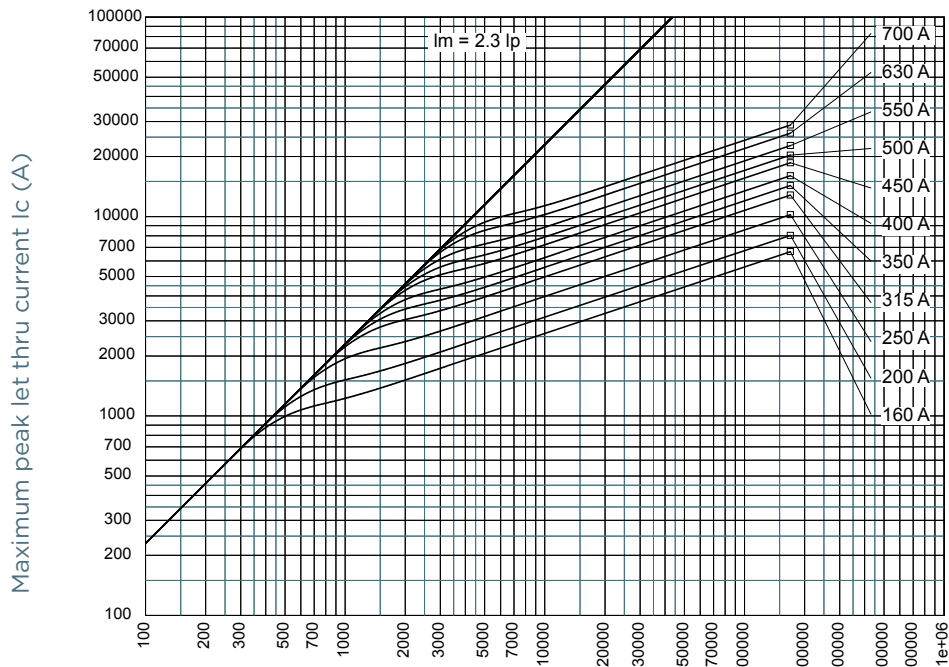
### Size 1



50 Hz RMS symmetrical prospective current  $I_p$  (A)

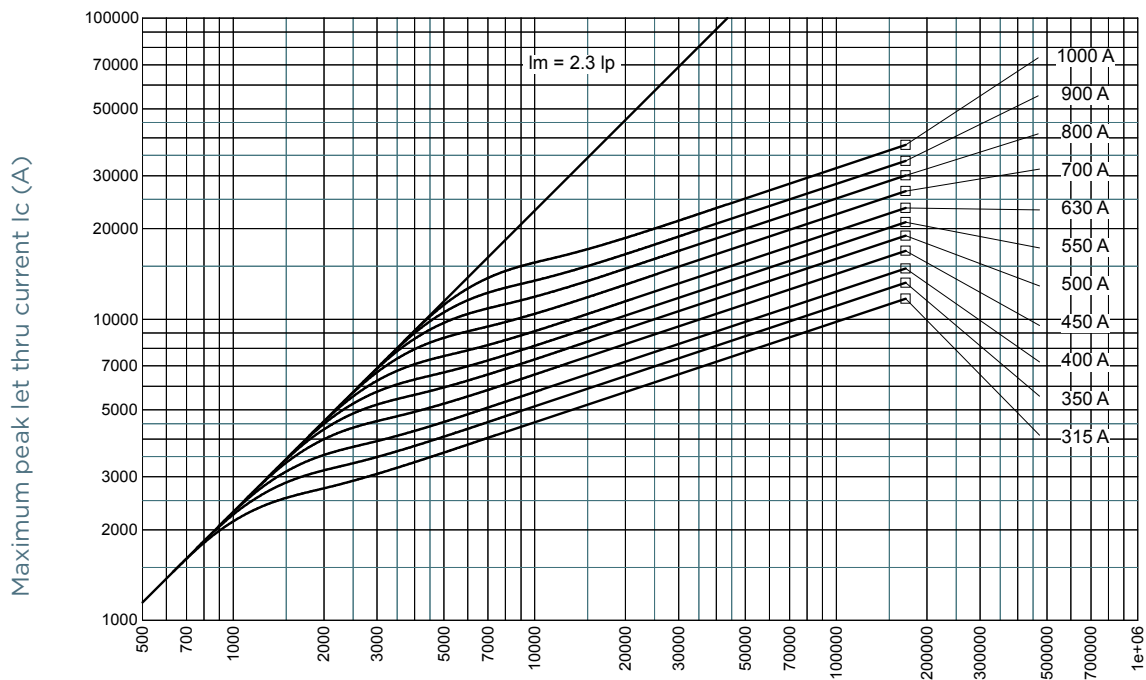
## CUT-OFF CURRENT CHARACTERISTIC

### Size 2



50 Hz RMS symmetrical prospective current  $I_p$  (A)

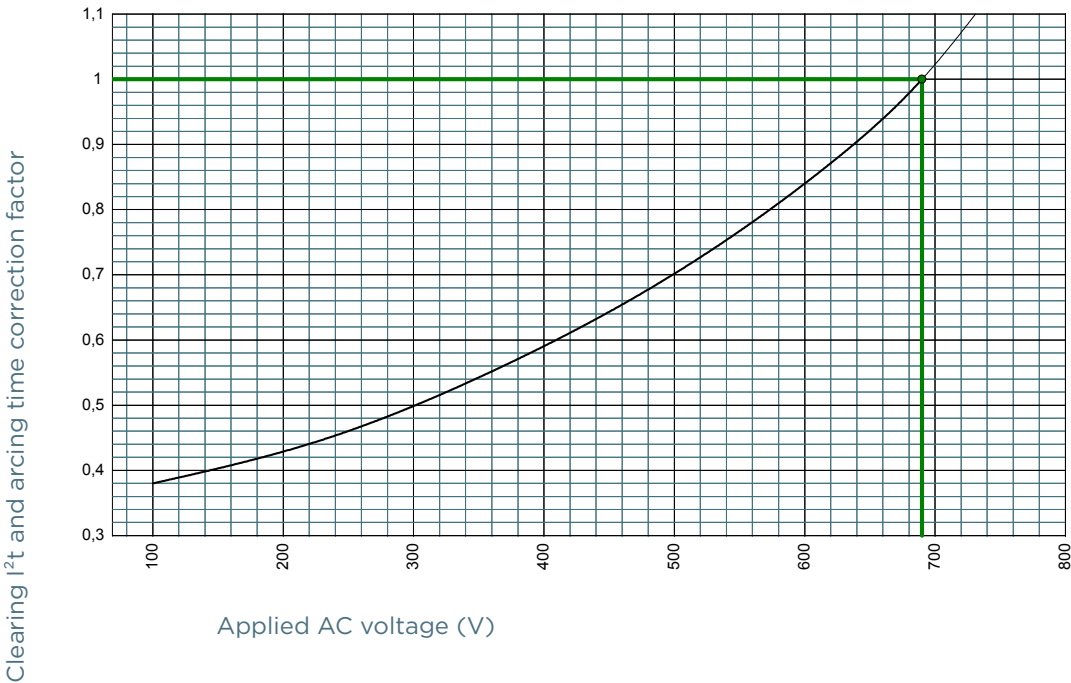
### Size 3



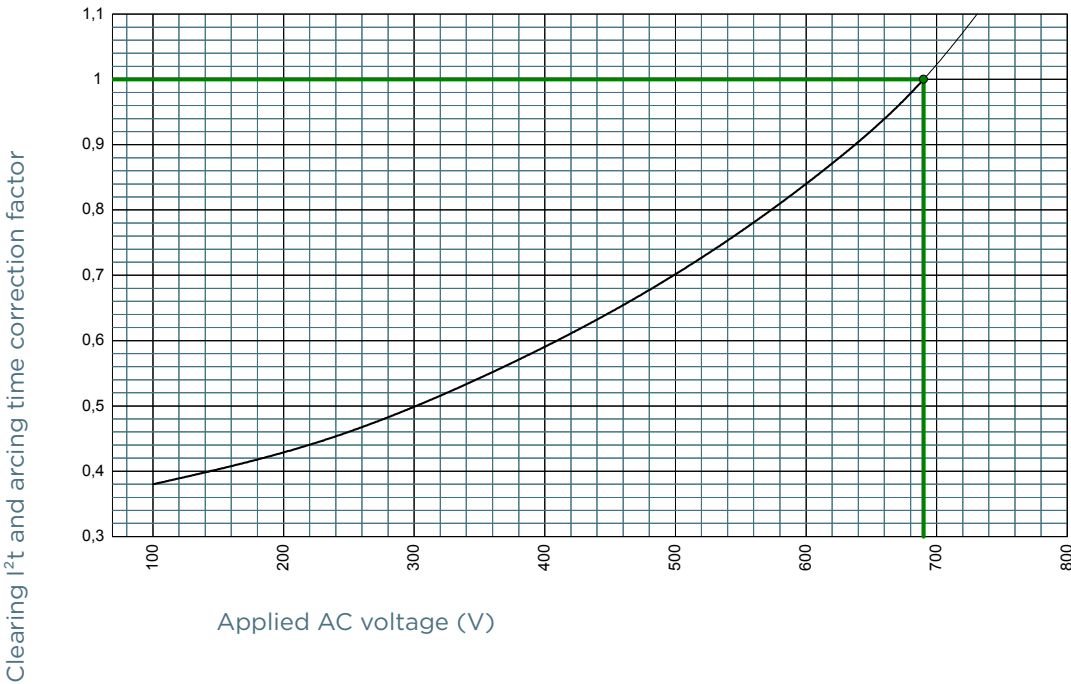
50 Hz RMS symmetrical prospective current  $I_p$  (A)

I<sup>2</sup>T MULTIPLIER COEFFICIENT

Size 000

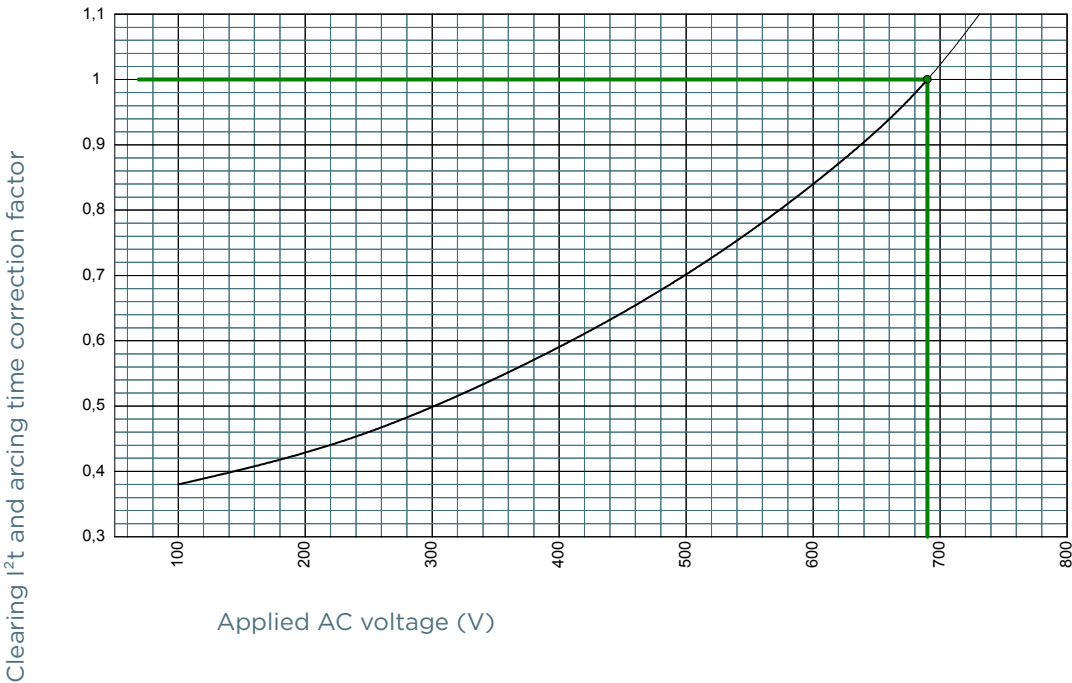


Size 00

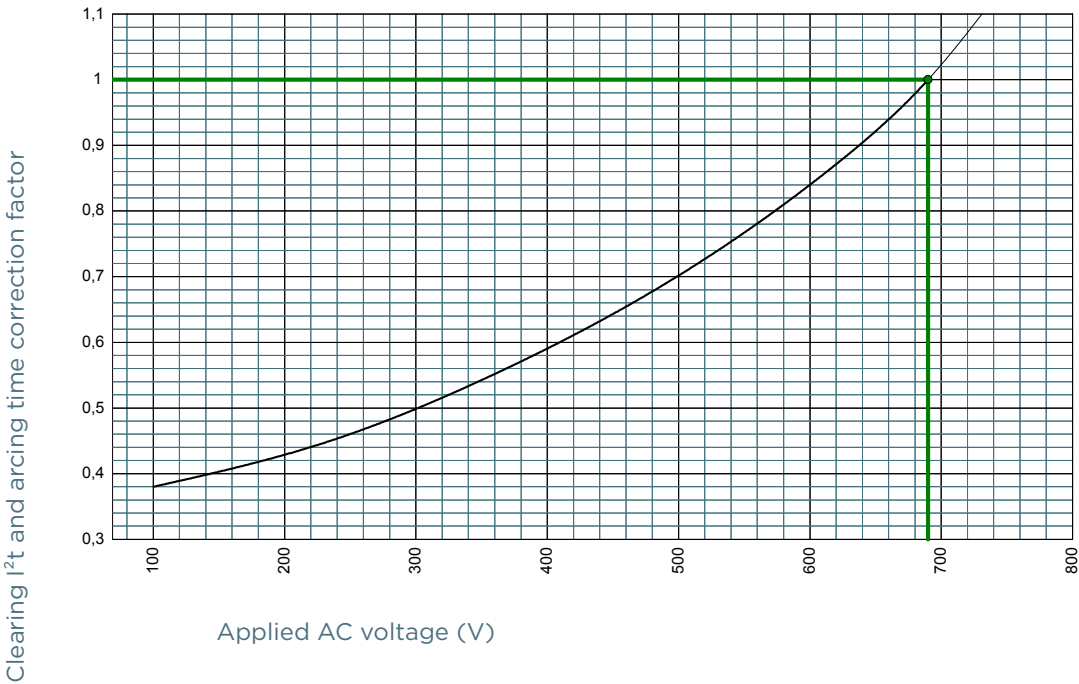


I<sup>2</sup>T MULTIPLIER COEFFICIENT

Size 0

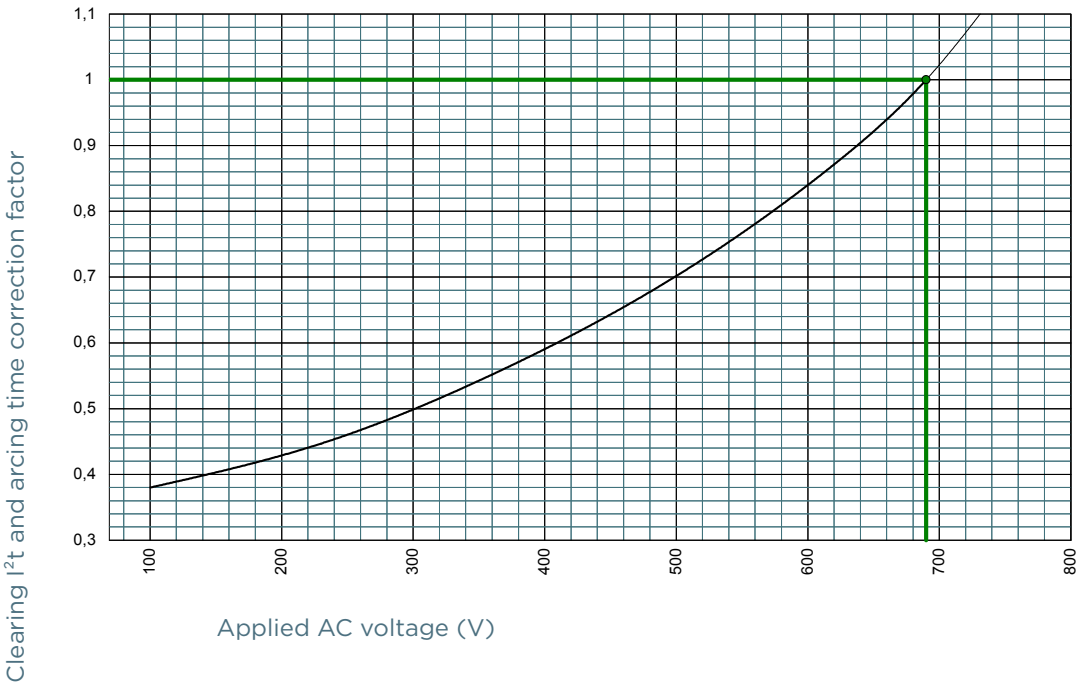


Size 1

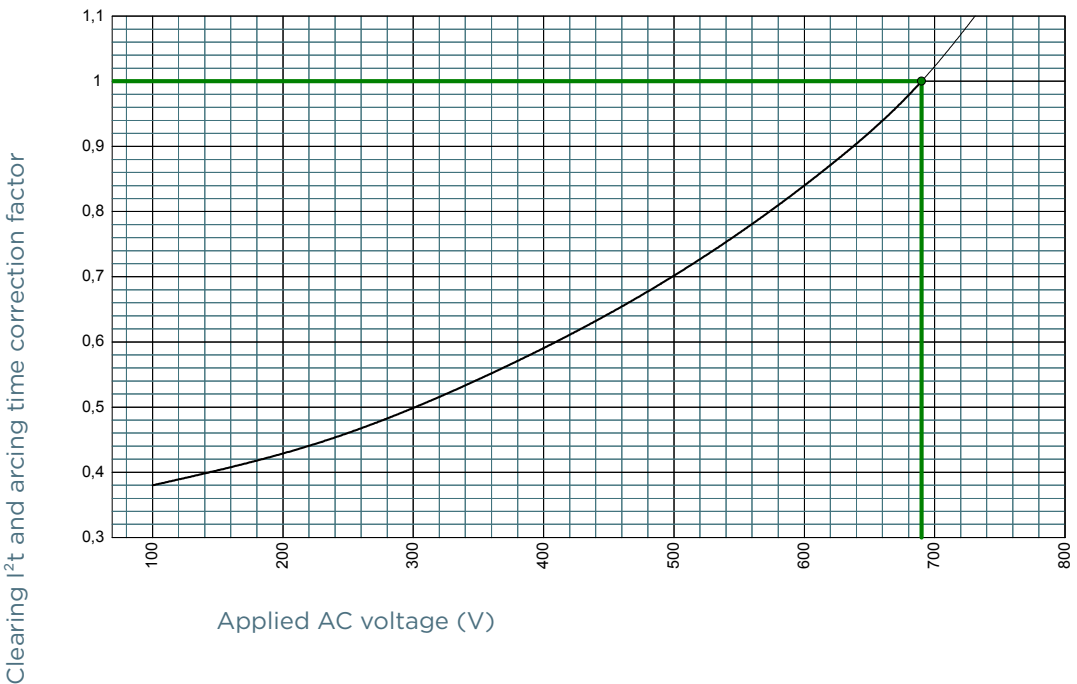


I<sup>2</sup>T MULTIPLIER COEFFICIENT

Size 2



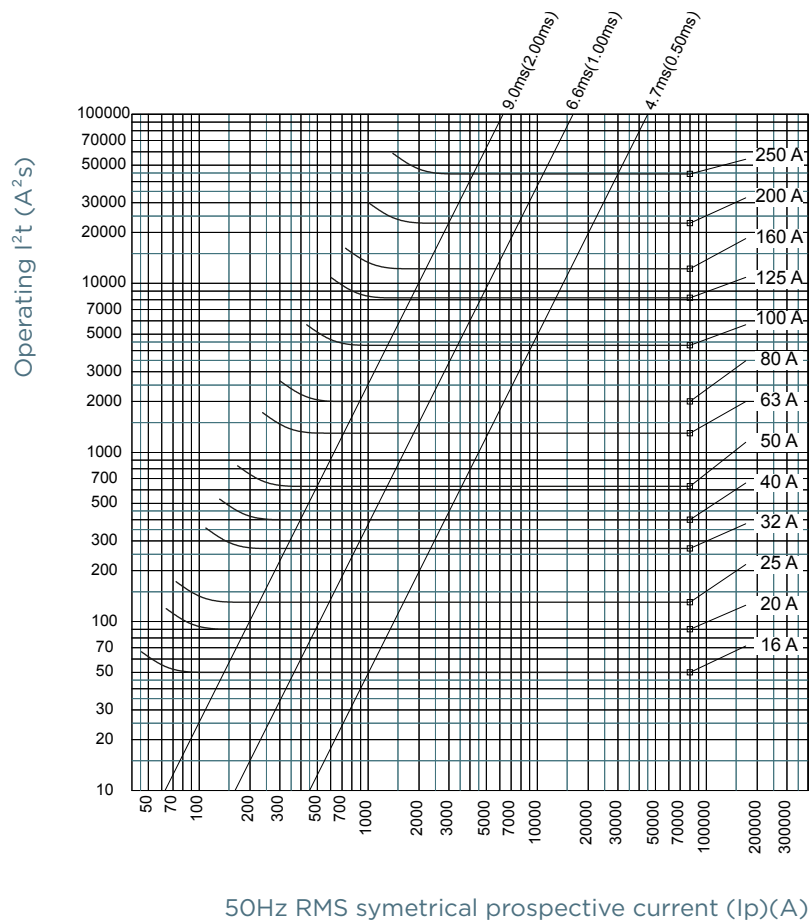
Size 3





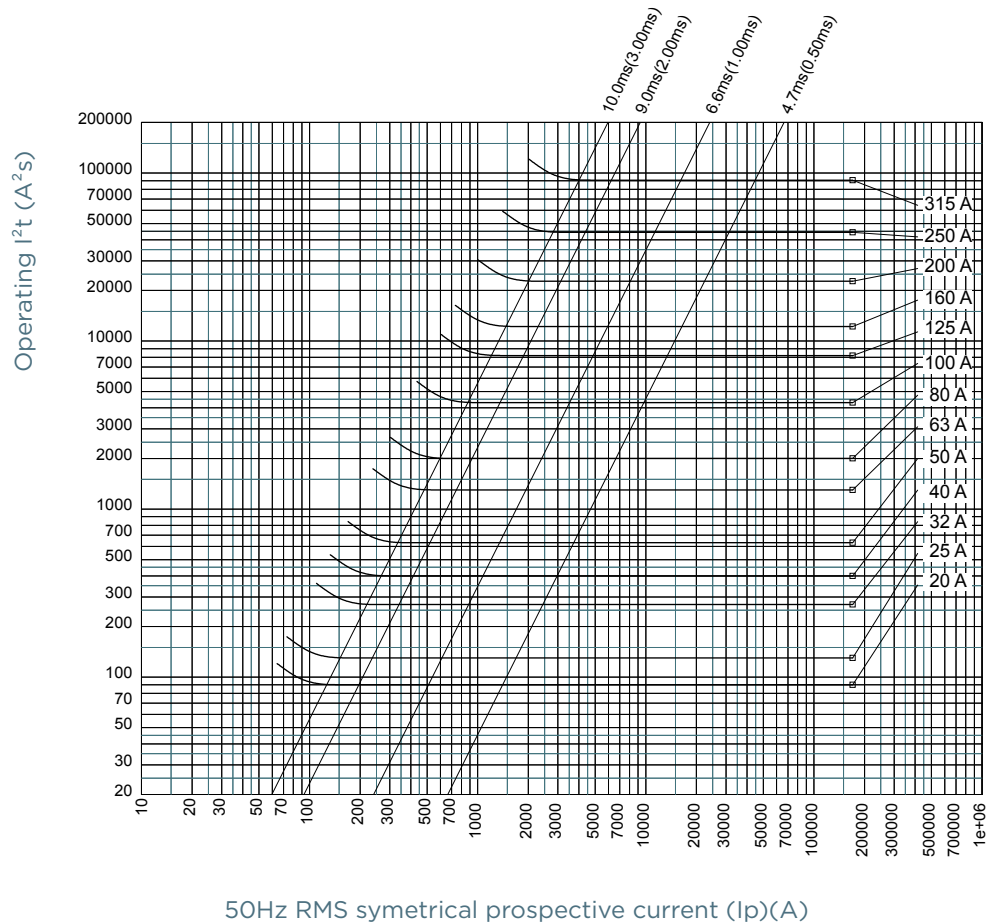
CHARACTERISTICS TOTAL I²T CURVE

Size 000



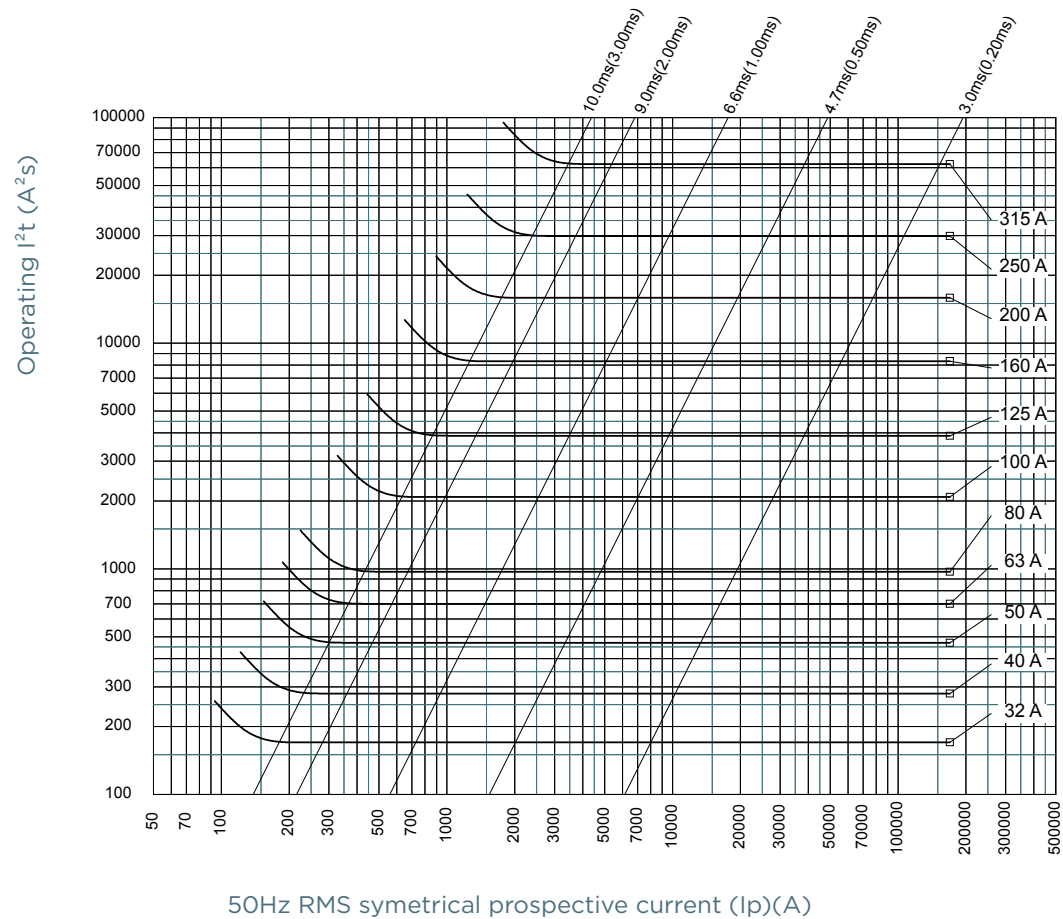
CHARACTERISTICS TOTAL I²t CURVE

Size 00



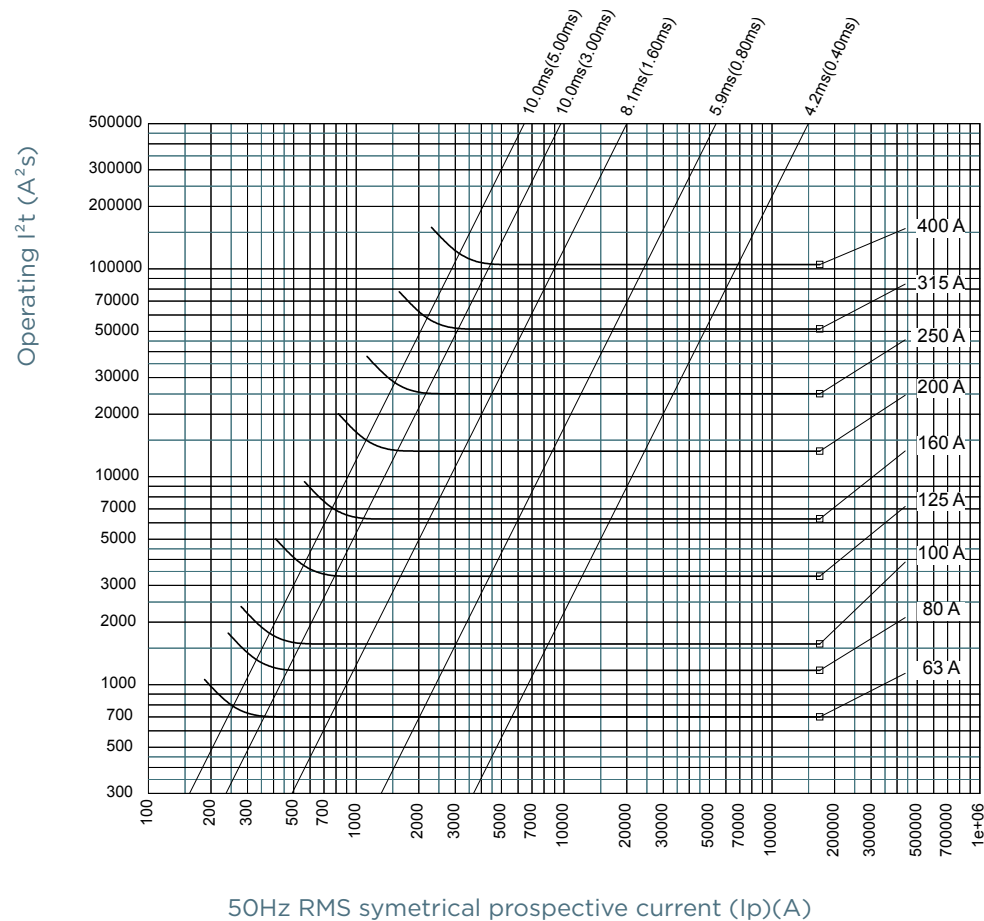
CHARACTERISTICS TOTAL I²T CURVE

Size 0



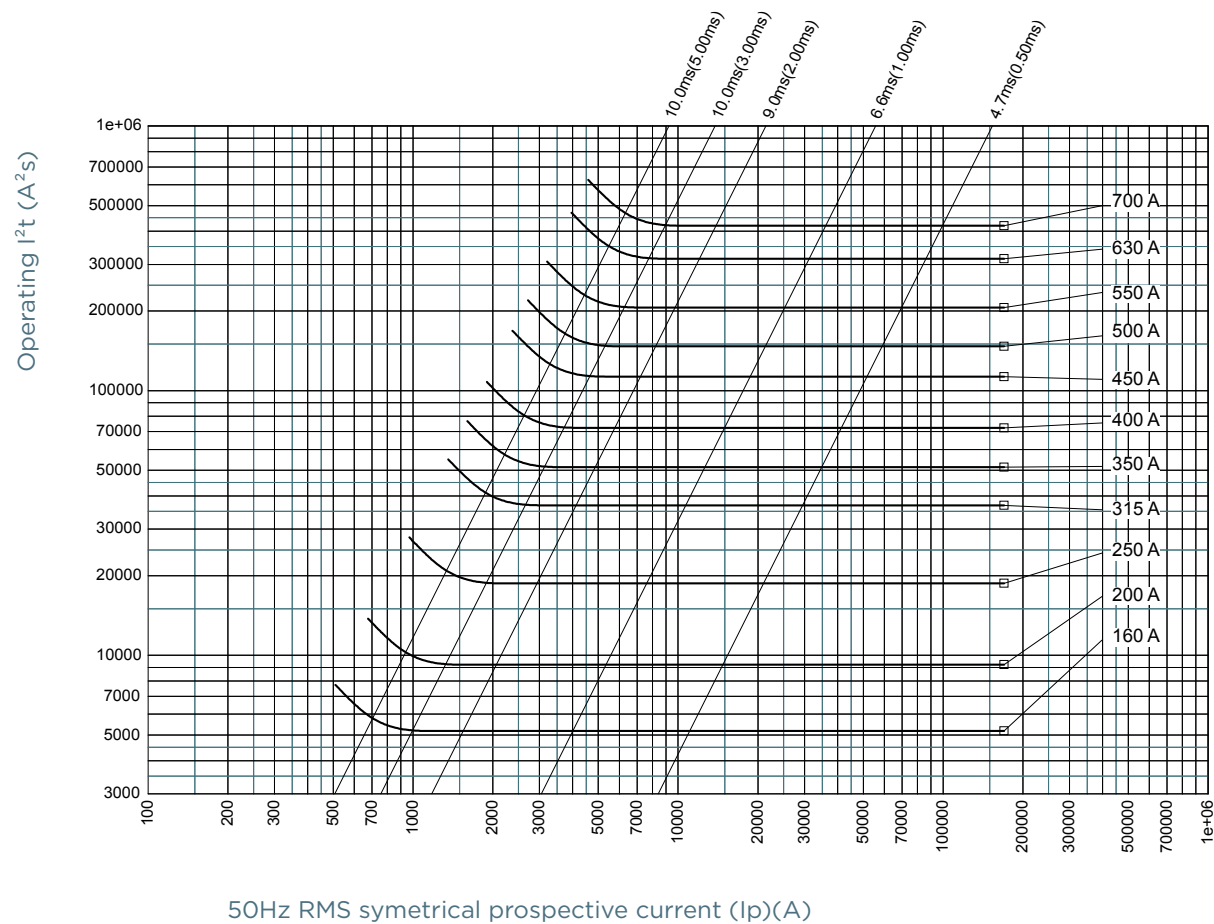
CHARACTERISTICS TOTAL I²T CURVE

Size 1



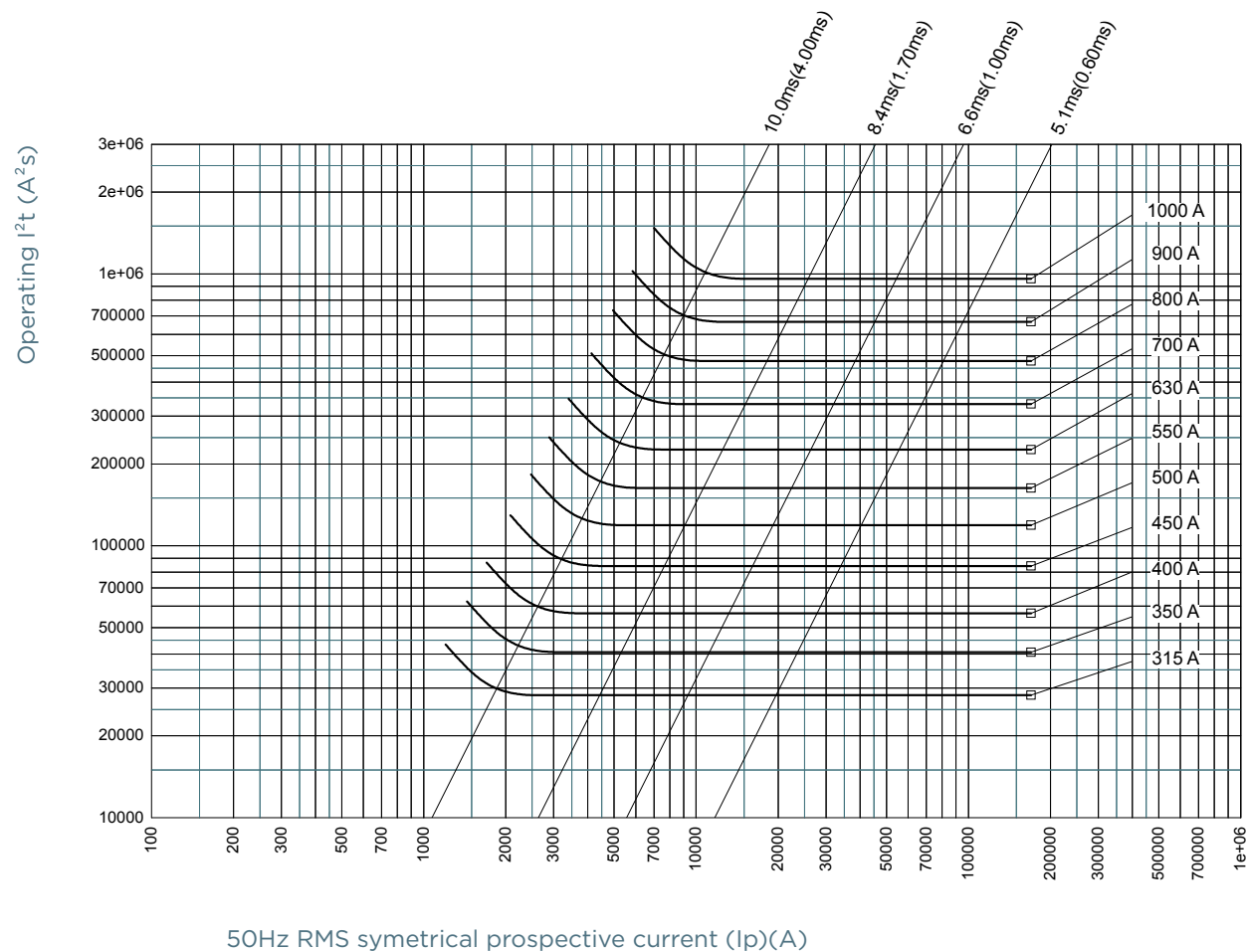
CHARACTERISTICS TOTAL I²T CURVE

Size 2



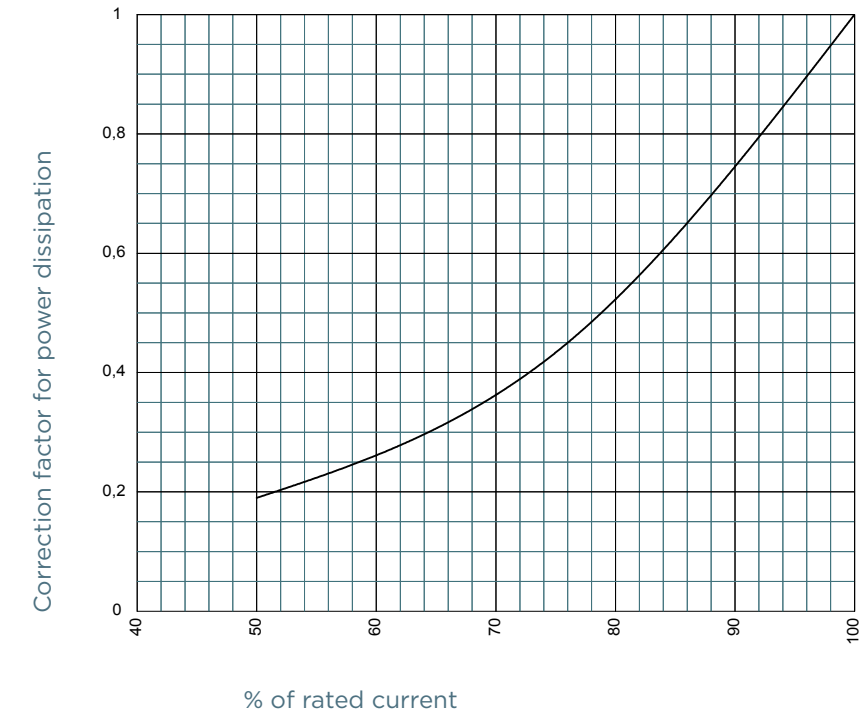
CHARACTERISTICS TOTAL I²T CURVE

Size 3



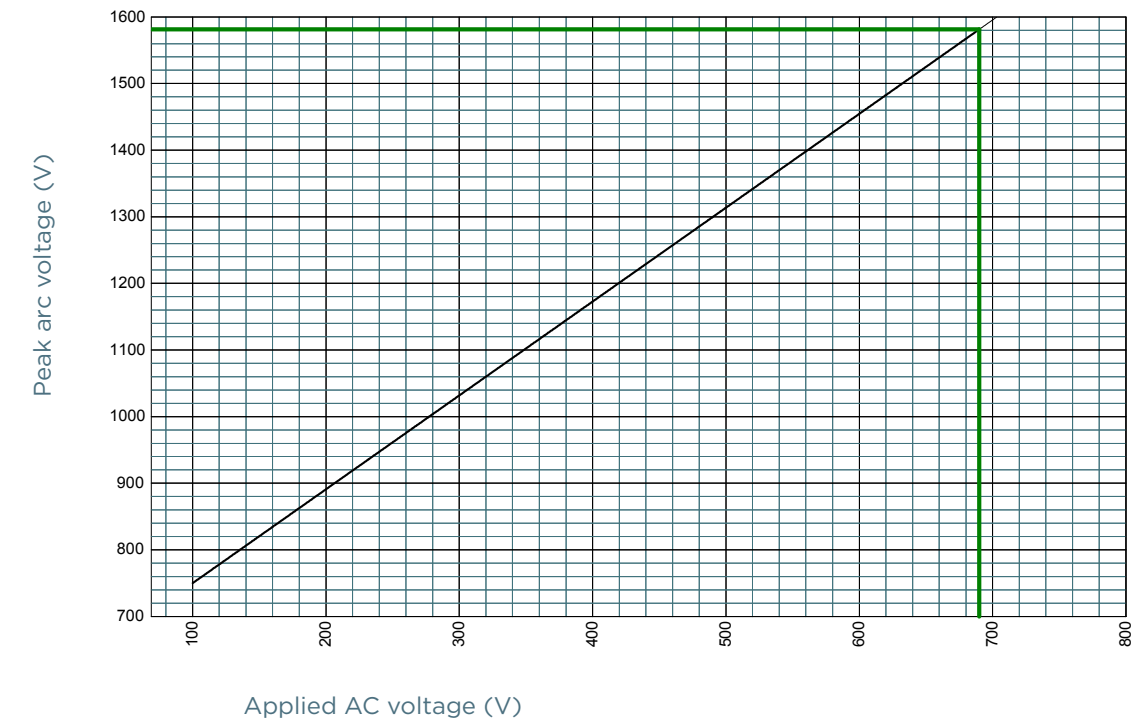
POWER DISSIPATION

Sizes 000, 00, 0, 1, 2, 3



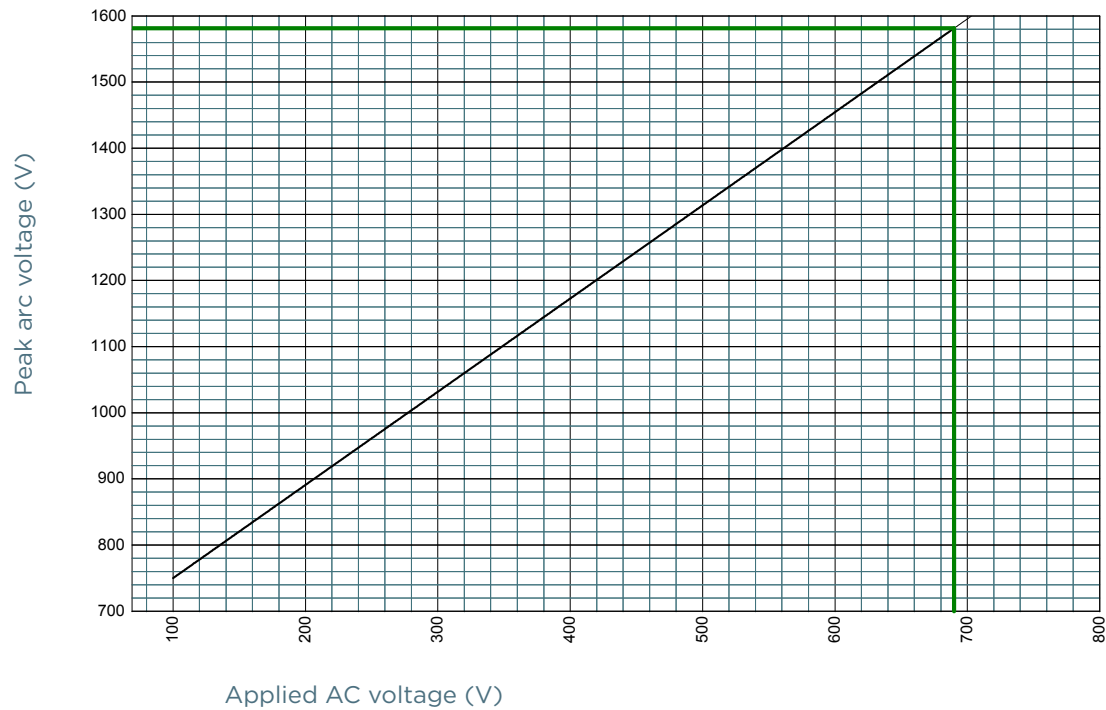
PEAK ARC VOLTAGE

Size 000

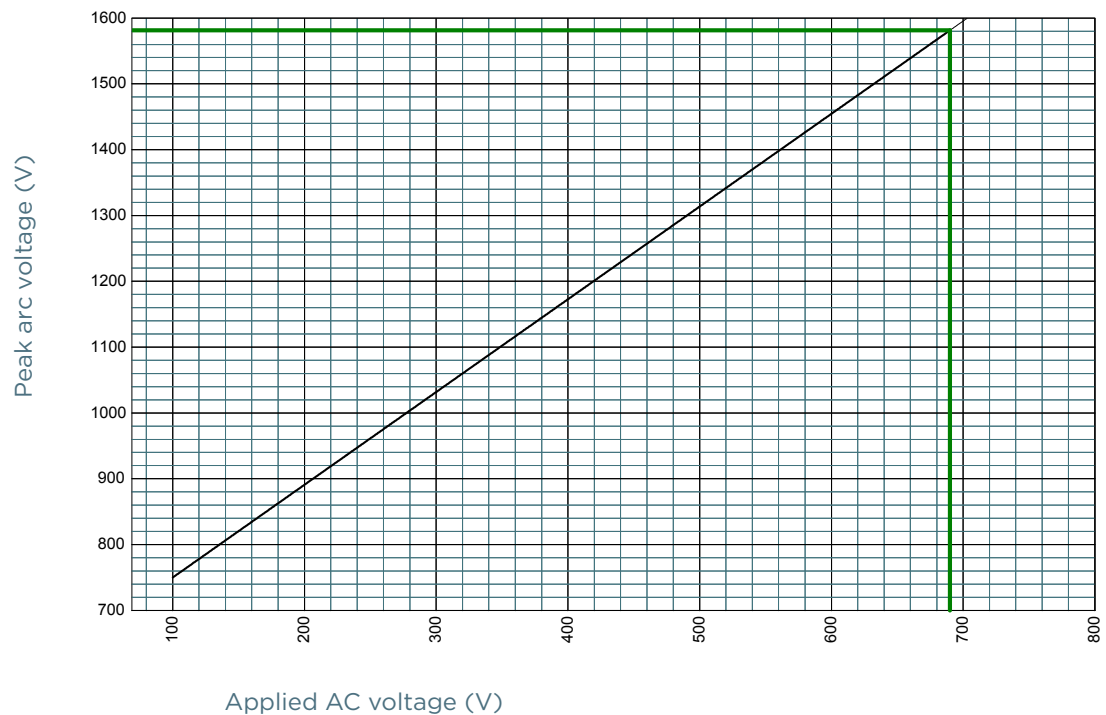


PEAK ARC VOLTAGE

Size 00



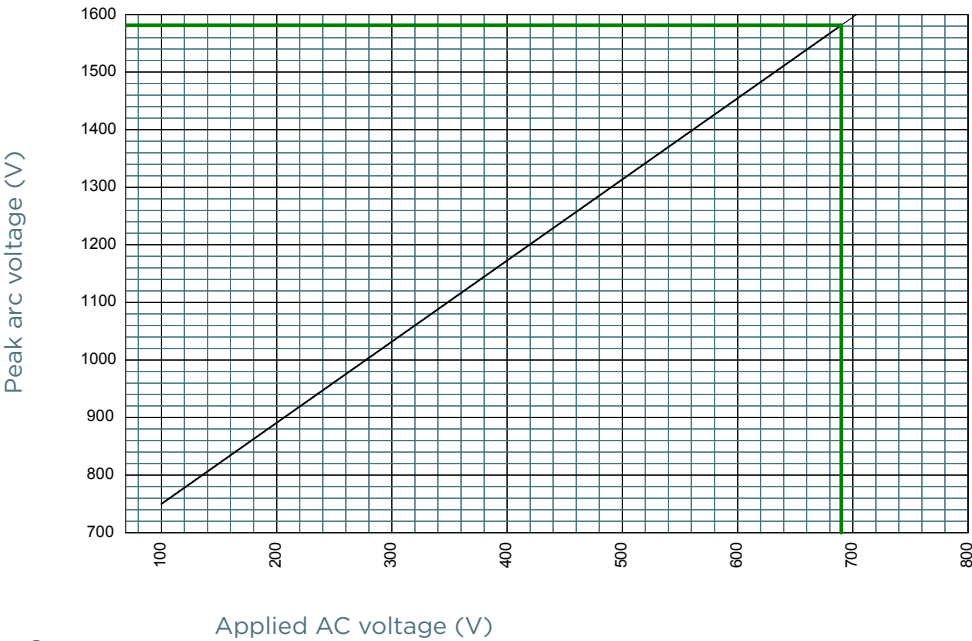
Size 0



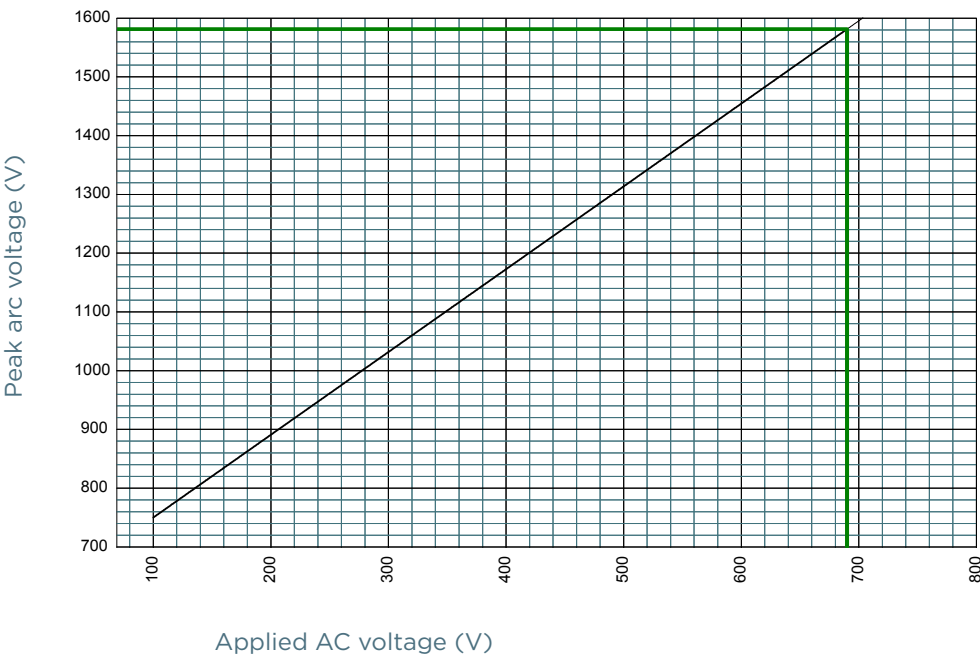


PEAK ARC VOLTAGE

Size 1

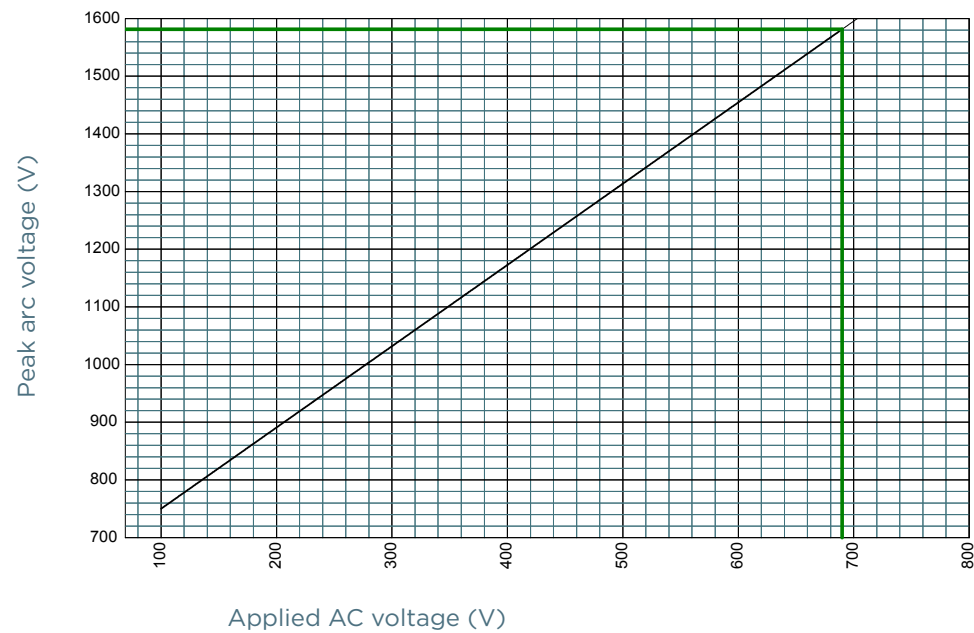


Size 2



PEAK ARC VOLTAGE

Size 3

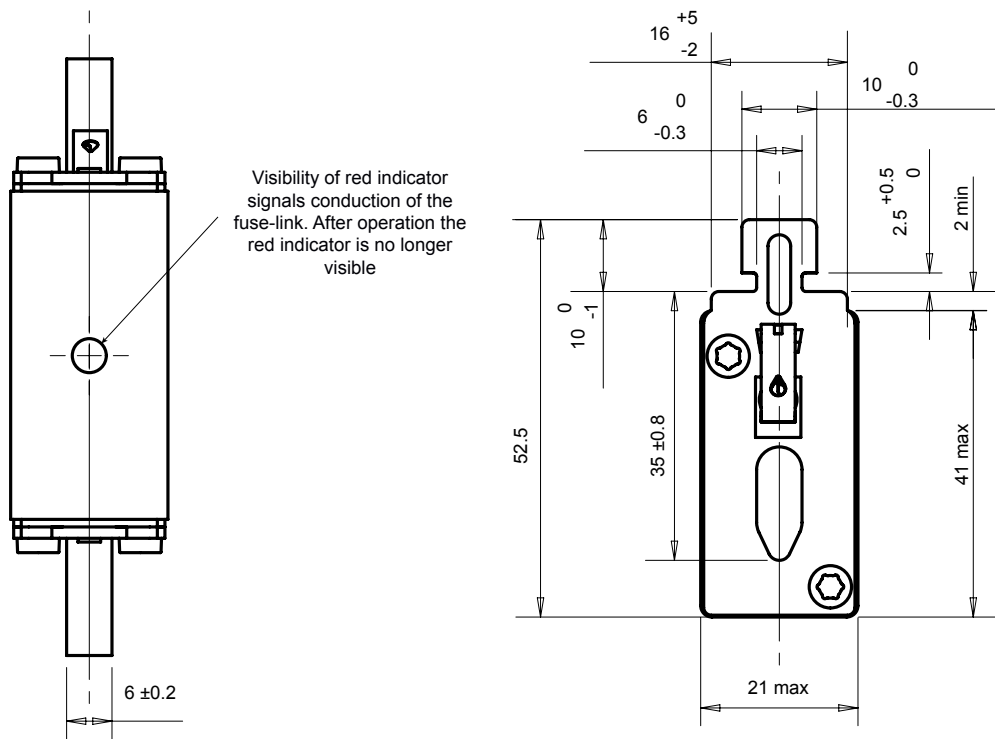


# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

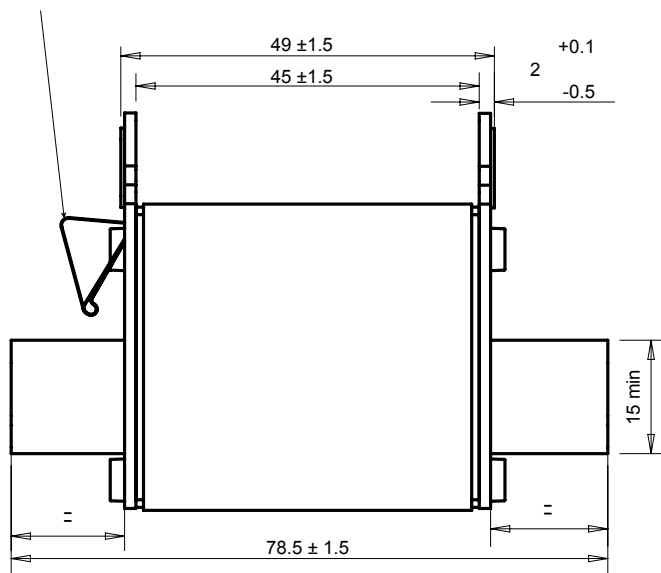
690VAC (IEC) / 700VAC (UL)

## DIMENSIONS

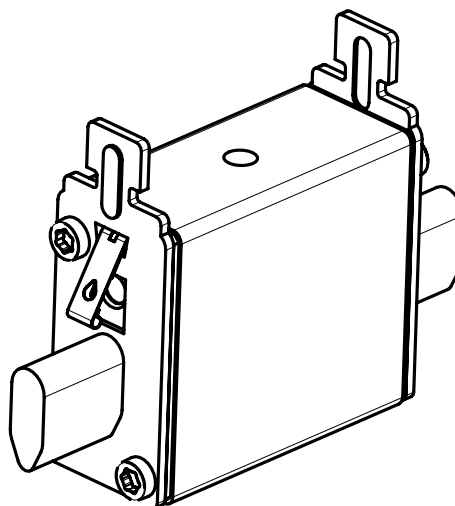
### NH size 000 aR



Indicator lever is visible after operation of fuse



Dimensions in mm



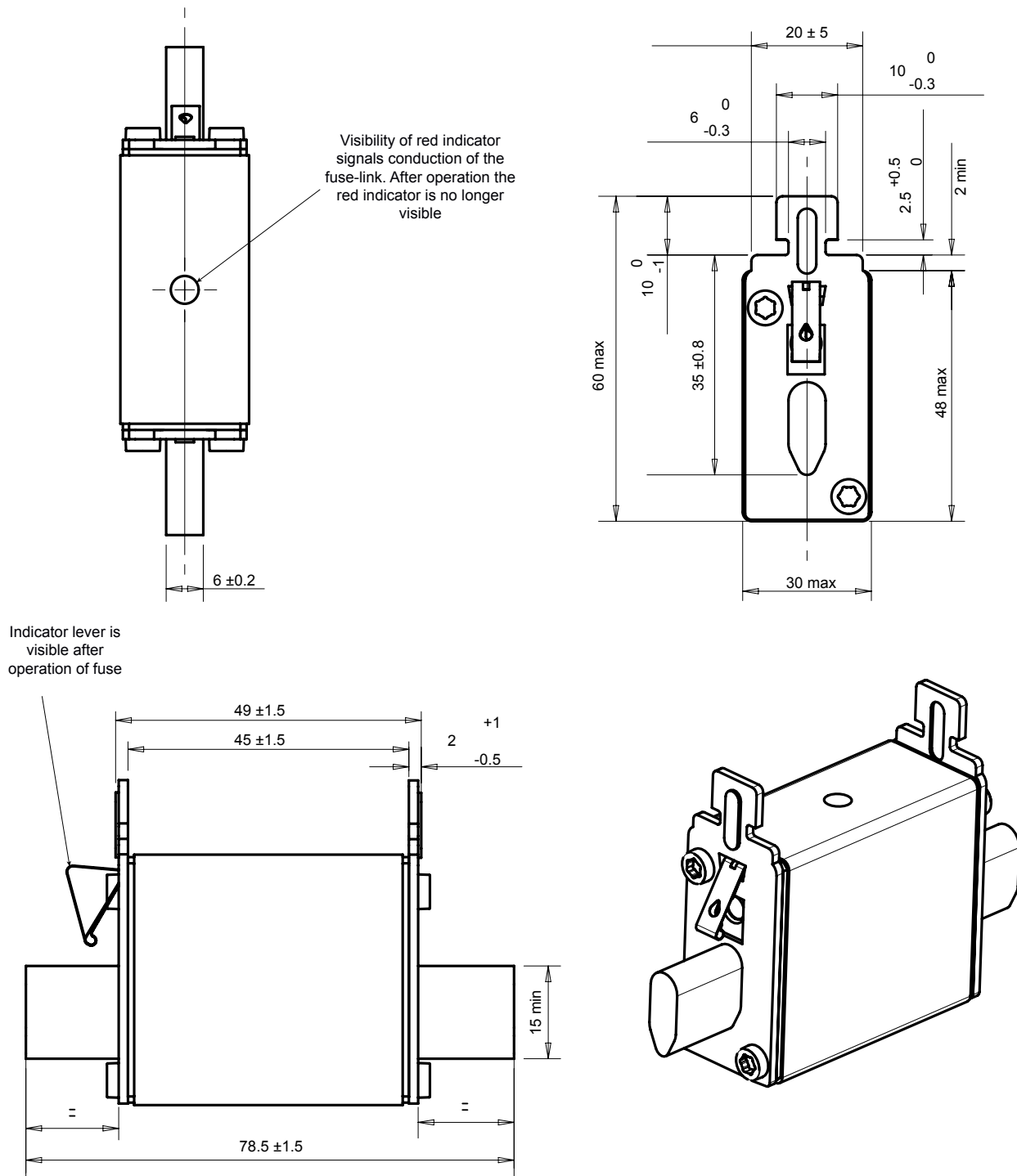
MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## DIMENSIONS

### NH size 00 aR



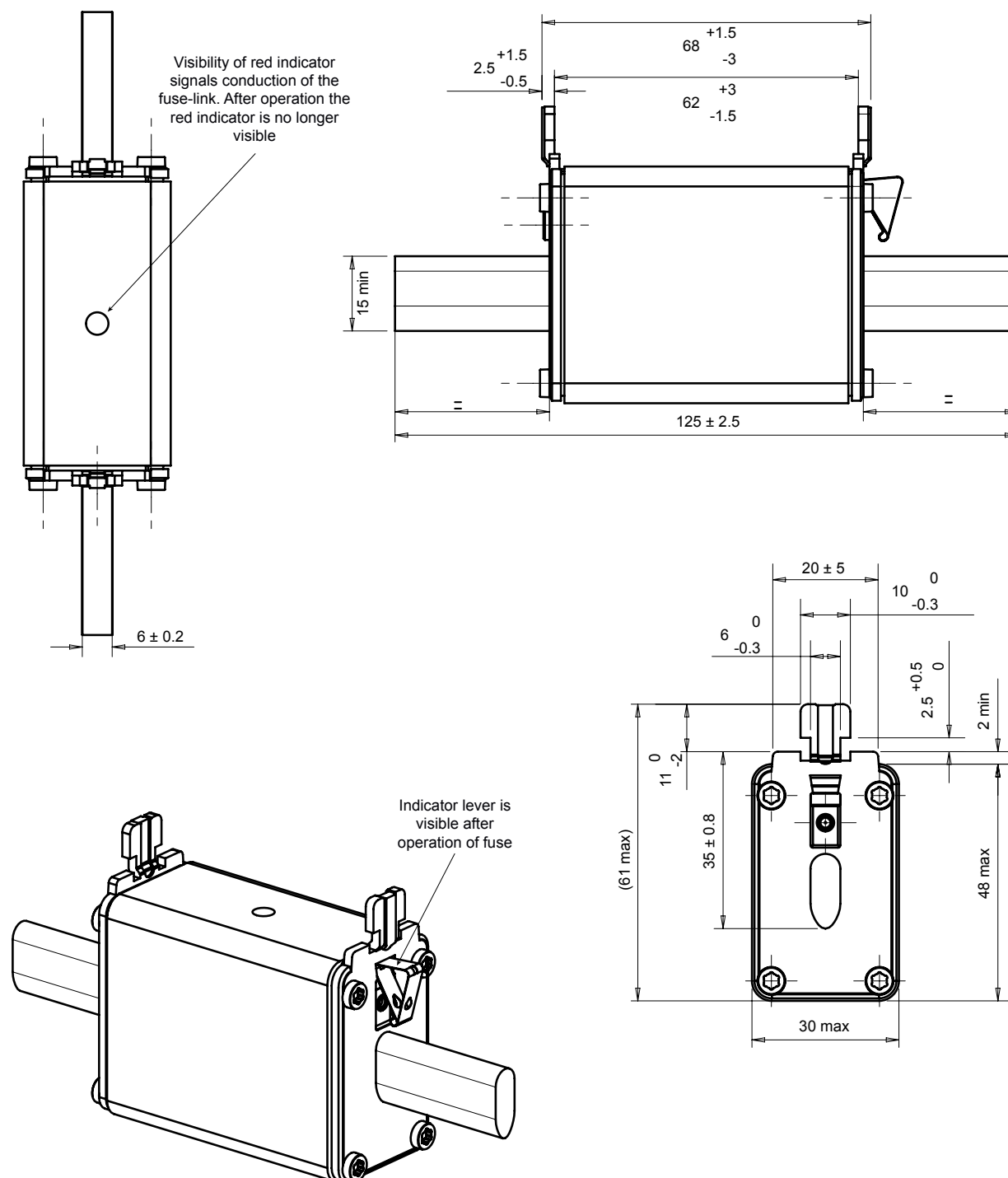
Dimensions in mm

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## DIMENSIONS

### NH size 0 aR



Dimensions in mm

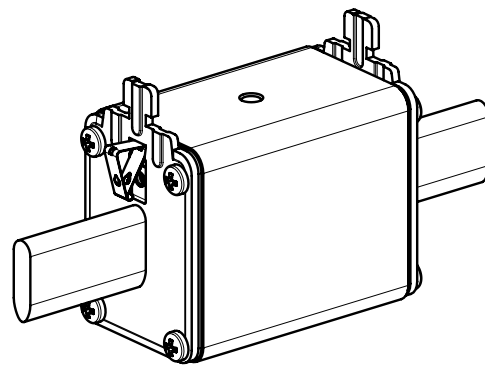
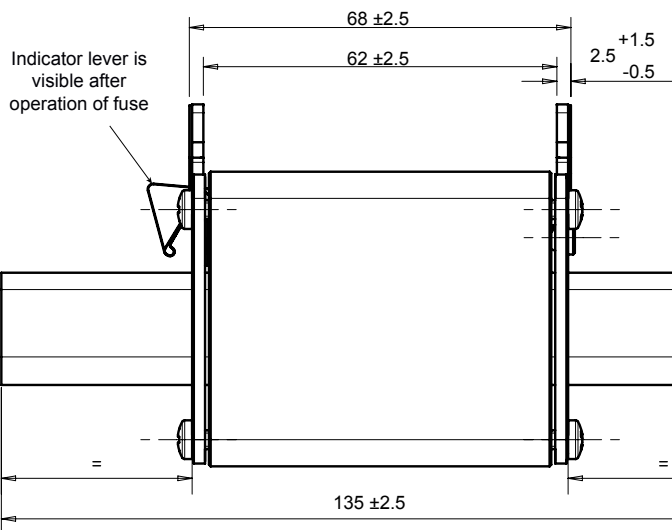
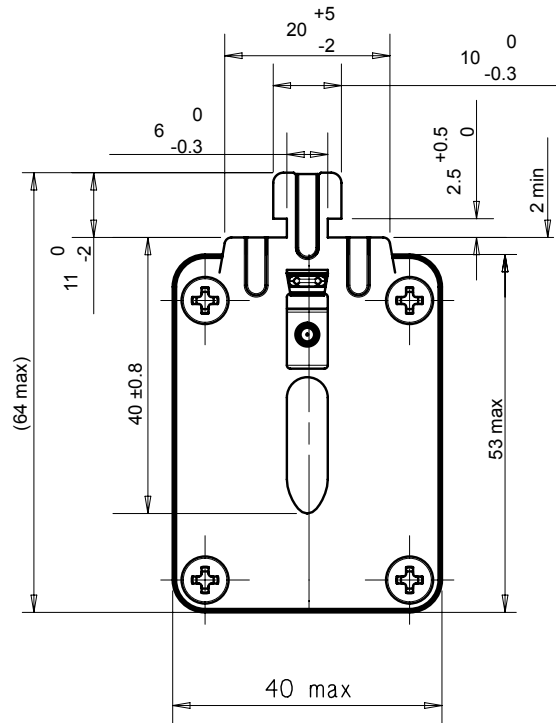
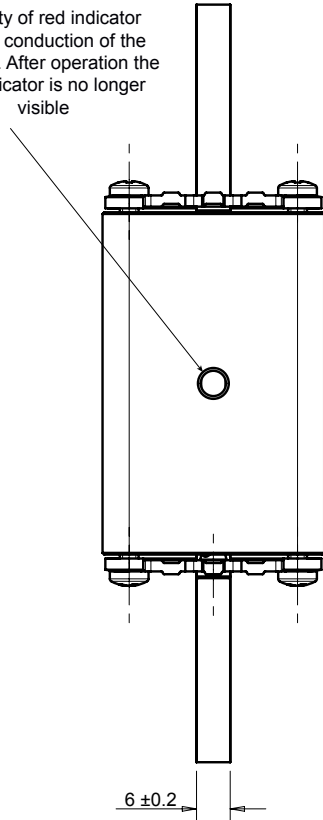
# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## DIMENSIONS

### NH size 1 aR

Visibility of red indicator signals conduction of the fuse-link. After operation the red indicator is no longer visible



Dimensions in mm

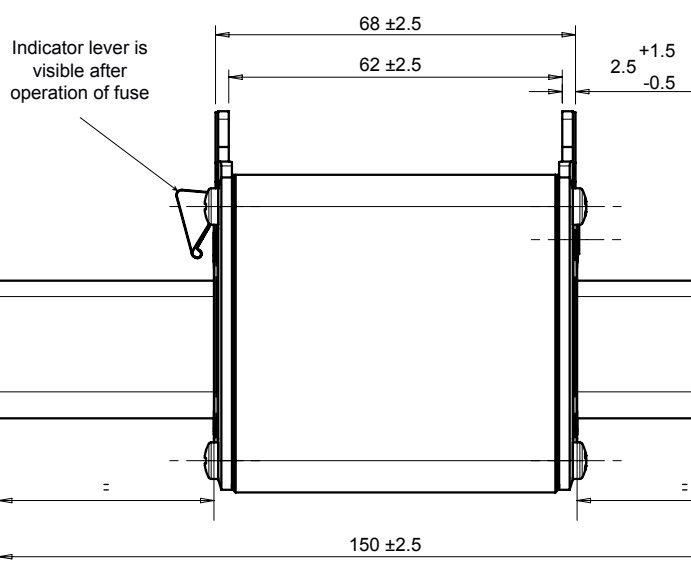
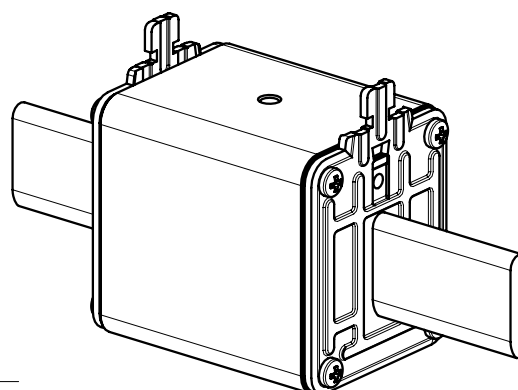
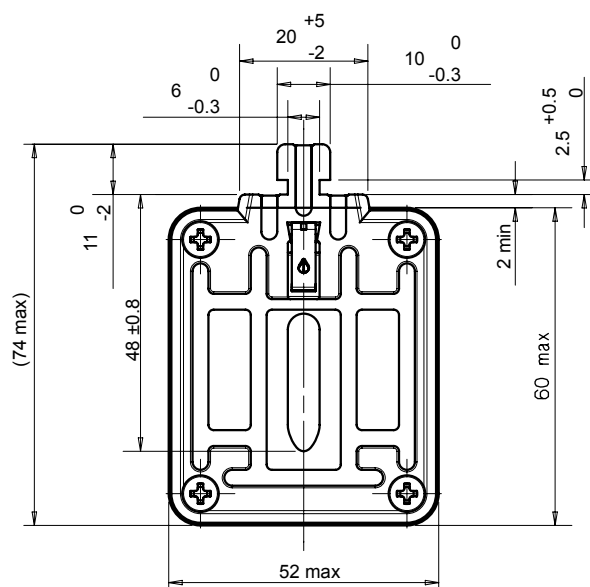
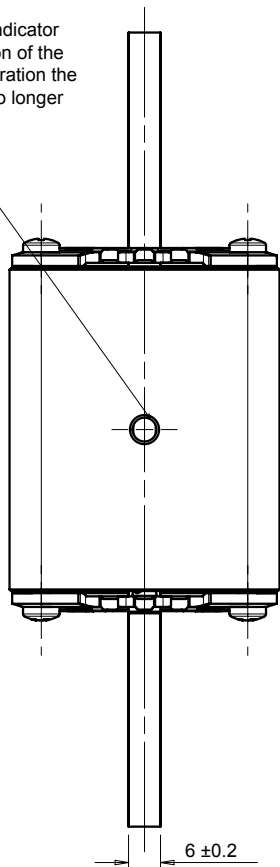
# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## DIMENSIONS

### NH size 2 aR

Visibility of red indicator signals conduction of the fuse-link. After operation the red indicator is no longer visible



Dimensions in mm

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## DIMENSIONS

### NH size 3 aR

