

Fusível Limitador de Corrente Tipo HH / H.V. HRC Fuse - links



Conf. VDE 0670, EN 60644, IEC 60282-1, IEC 60644
IEC 60787, DIN 43625 e ANSI C37.

Standart VDE 0670, EN 60644, IEC 60282-1,
IEC 60644 and IEC 60787, DIN 43625, ANSI C37.

- alta cap. de ruptura / high breaking capacity
- limitador de corrente / high current limiting
- baixa voltagem de arco / low switching voltage
- tempo de deslig. U.R. / extremely short times
- baixa perda / low power dissipation

"Fuses offer unique advantages compared to other protective devices."

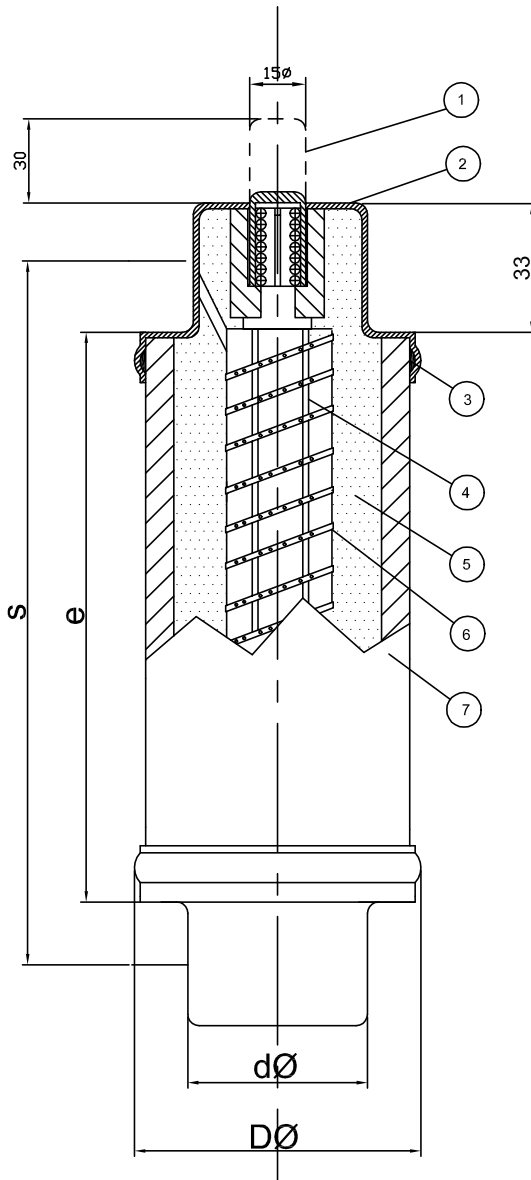
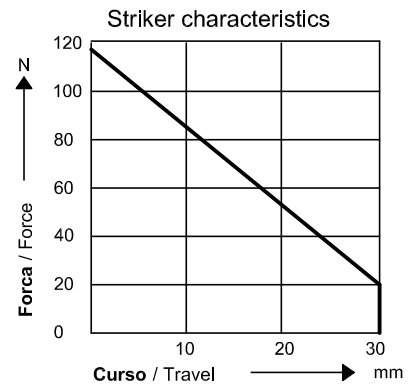


Diagrama Força x Percurso



Estile Alemão / German Style

| Voltage | Current | Nr. Ref. Number | Dimensions | | | |
|---------|-----------|-----------------|------------|-----|-----|----|
| | | | DØ | s | e | dØ |
| 7.2 | 2 a 20 | 400 | 66 | 225 | 192 | 45 |
| 7.2 | 25 a 63 | 401 | 66 | 225 | 192 | |
| 7.2 | 80 a 125 | 402 | 85 | 225 | 192 | |
| 7.2 | 2 a 20 | 403 | 66 | 325 | 292 | |
| 7.2 | 25 a 63 | 404 | 66 | 325 | 292 | |
| 7.2 | 80 a 125 | 405 | 85 | 325 | 292 | |
| 7.2 | 160 a 250 | 406 | 85 | 325 | 292 | |
| 7.2 | 315 a 400 | 407 | 85 | 325 | 292 | |
| 17.5 | 2 a 20 | 412 | 66 | 325 | 292 | |
| 17.5 | 25 a 63 | 413 | 66 | 325 | 292 | |
| 17.5 | 80 a 125 | 414 | 85 | 325 | 292 | |
| 17.5 | 2 a 20 | 415 | 66 | 475 | 442 | |
| 17.5 | 25 a 63 | 416 | 66 | 475 | 442 | |
| 17.5 | 80 a 125 | 417 | 85 | 475 | 442 | |
| 17.5 | 160 a 250 | 418 | 85 | 570 | 537 | |
| 24 | 2 a 10 | 419 | 66 | 475 | 442 | |
| 24 | 12 a 30 | 420 | 66 | 475 | 442 | |
| 24 | 32 a 63 | 421 | 85 | 475 | 442 | |
| 24 | 80 a 100 | 422 | 85 | 475 | 442 | |
| 36 | 2 a 10 | 423 | 66 | 570 | 537 | |
| 36 | 12 a 30 | 424 | 66 | 570 | 537 | |
| 36 | 32 a 63 | 425 | 85 | 570 | 537 | |
| 36 | 80 a 100 | 426 | 85 | 570 | 537 | |

| Idem / Ref. | Material / Material |
|-------------|-----------------------------------------|
| 1 | Disparador 12 Kg / Spring Striker 120 N |
| 2 | Terminal de Cobre / Copper - contact |
| 3 | Epoxi / Epoxy |
| 4 | Tubo Estrela / Star cor |
| 5 | Areia / Granular Quartz |
| 6 | Elemento / Fuse elements |
| 7 | Tubo Cerâmica / Porcela barrel |

Fusível Limitador de Corrente Tipo HH

Conforme Norma VDE 0670, IEC 282-1, DIN 43625

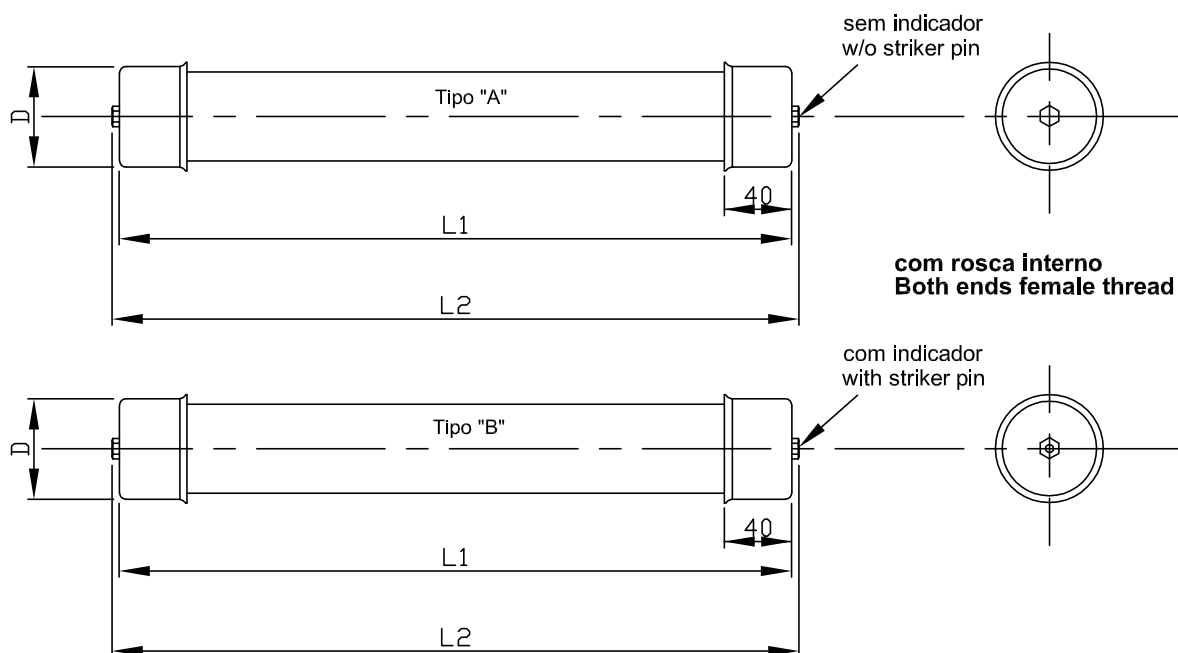


High - Voltage H. R. C Fuse - Links

In accordance with VDE 0670, IEC 282-1, DIN 43625

Special Fuse-Links oiltight

Dimensões / Dimensions



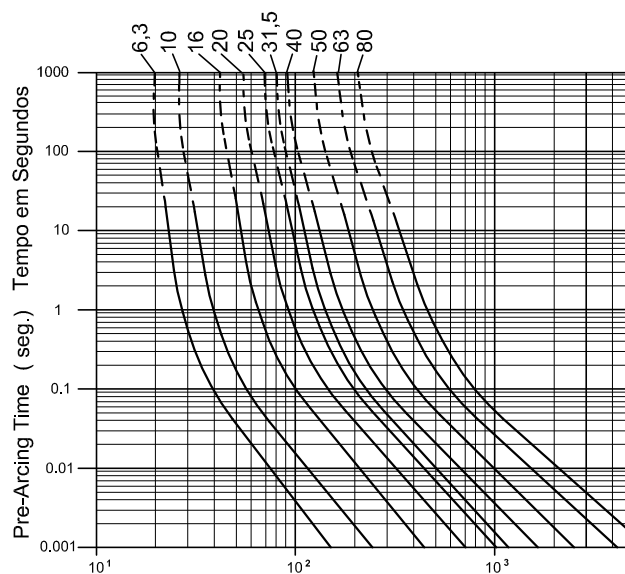
IEC 60282-1

| Tipo Type | Voltage | Corrente Current | Rosca Thread | | Comprimento Length (mm) | | Diâmetro Diameter D Ø |
|-----------|---------|------------------|--------------|-------|-------------------------|-----|-----------------------|
| | | | A | B | L1 | L2 | |
| A | 24KV | 6 - 80 | M8 | M8 | 360 | 371 | 63,5 |
| B | 24KV | 6 - 80 | M8 | G1/8" | 360 | 365 | 63,5 |
| B | 24KV | 6 - 80 | M8 | G1/8" | 360 | 383 | 63,5 |
| A | 24KV | 6 - 80 | M8 | G1/8" | 440 | 451 | 63,5 |
| A | 24KV | 6 - 80 | M8 | M8 | 440 | 463 | 63,5 |

Características Elétricas / Electrical Characteristics

| Nr. Ref. | Corrente Current | Perda Watts | I²t de fusão I²t Pre-Arcing | I²t total I²t total |
|----------|------------------|-------------|-----------------------------|---------------------|
| 5587 | 6,3 | 28 W | 45 | 360 |
| 5588 | 10 | 50 W | 75 | 550 |
| 5589 | 16 | 62 W | 250 | 2005 |
| 5590 | 20 | 28 W | 640 | 4880 |
| 5591 | 25 | 58 W | 1030 | 7500 |
| 5592 | 31,5 | 76 W | 1600 | 12000 |
| 5593 | 40 | 95 W | 3100 | 19100 |
| 5594 | 50 | 100 W | 5800 | 35800 |
| 5595 | 63 | 120 W | 9250 | 66250 |
| 5596 | 80 | 171 W | 19200 | 179200 |

Curva Tempo - Corrente / Melting Time Curve



Corrente Nominal / Pre-arcing current (R.M.S.)

Fusível Limitador de Corrente Tipo HH

Conforme Norma VDE 0670, IEC 282-1, DIN 43625

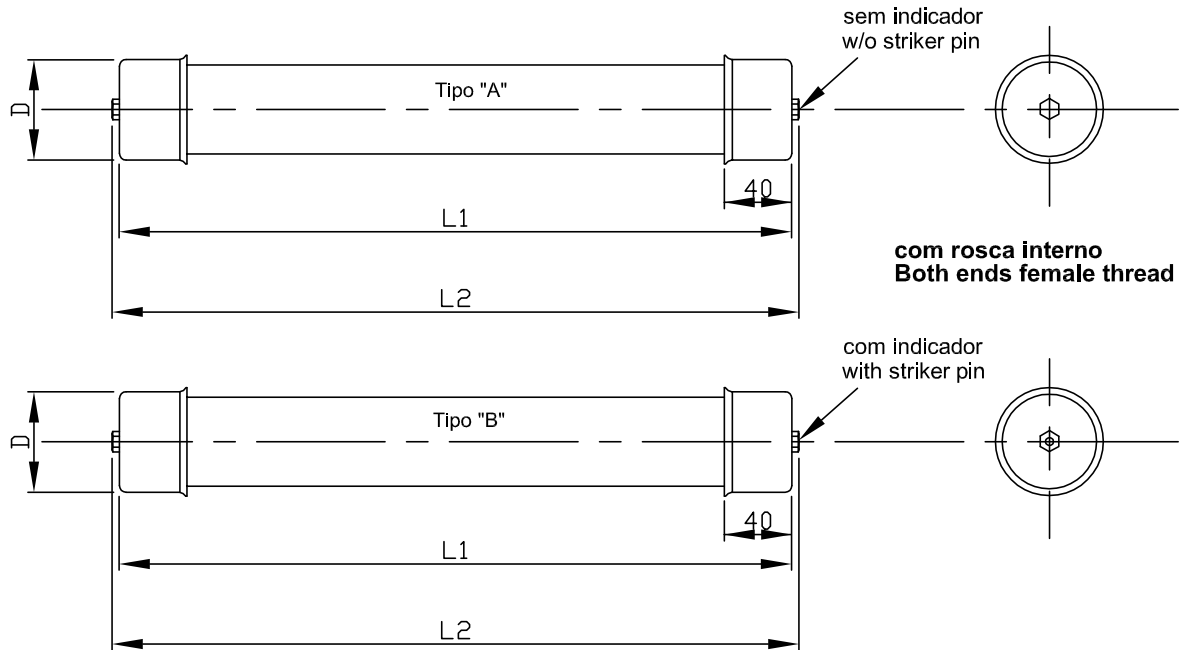


High - Voltage H. R. C Fuse - Links

In accordance with VDE 0670, IEC 282-1, DIN 43625

Special Fuse-Links oiltight

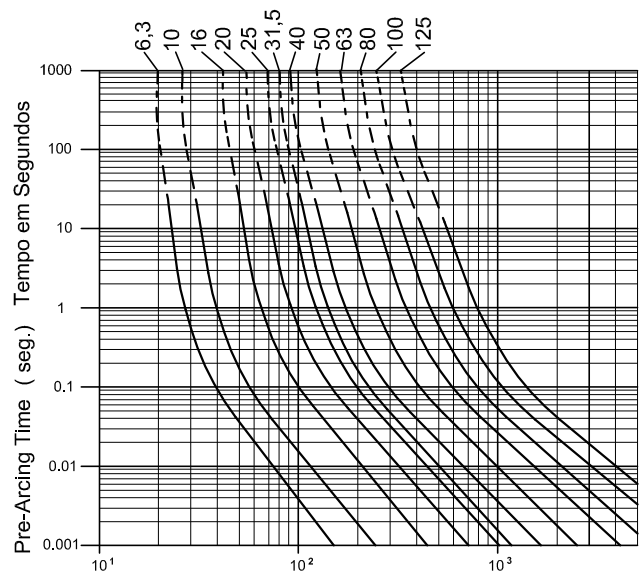
Dimensões / Dimensions



IEC 60282-1

| Tipo Type | Voltagem Voltage | Corrente Current | Rosca Thread | | Comprimento Length (mm) | | Diametro Diameter |
|-----------|------------------|------------------|--------------|-------|-------------------------|-----|-------------------|
| --- | ----- | ----- | A | B | L1 | L2 | D Ø |
| A | 12 / 17,5KV | 6 - 125 | M8 | M8 | 360 | 371 | 63,5 |
| B | 12 / 17,5KV | 6 - 125 | M8 | G1/8" | 360 | 383 | 63,5 |

Curva Tempo - Corrente / Melting Time Curve



Características Eletricas / Electrical Characteristics

| Nr. Ref. | Corrente Current | Perda Watts | I ² t de fusão I ² t Pre-Arcing | I ² t total I ² t total |
|----------|------------------|-------------|-------------------------------------------------------|-----------------------------------------------|
| 5575 | 6,3 | 16 W | 45 | 360 |
| 5576 | 10 | 28 W | 75 | 550 |
| 5577 | 16 | 29 W | 250 | 2005 |
| 5578 | 20 | 32 W | 640 | 4880 |
| 5579 | 25 | 34 W | 1030 | 7500 |
| 5580 | 31,5 | 38 W | 1600 | 12000 |
| 5581 | 40 | 50 W | 3100 | 19100 |
| 5582 | 50 | 55 W | 5800 | 35800 |
| 5583 | 63 | 60 W | 9250 | 66250 |
| 5584 | 80 | 120 W | 19200 | 179200 |
| 5585 | 100 | 135 W | 45000 | 450000 |
| 5586 | 125 | 160 W | 55000 | 550000 |

Corrente Nominal / Pre-arcing current (R.M.S.)

Fusível Limitador de Corrente Tipo HH

Conforme Norma VDE 0670, IEC 282-1, DIN 43625

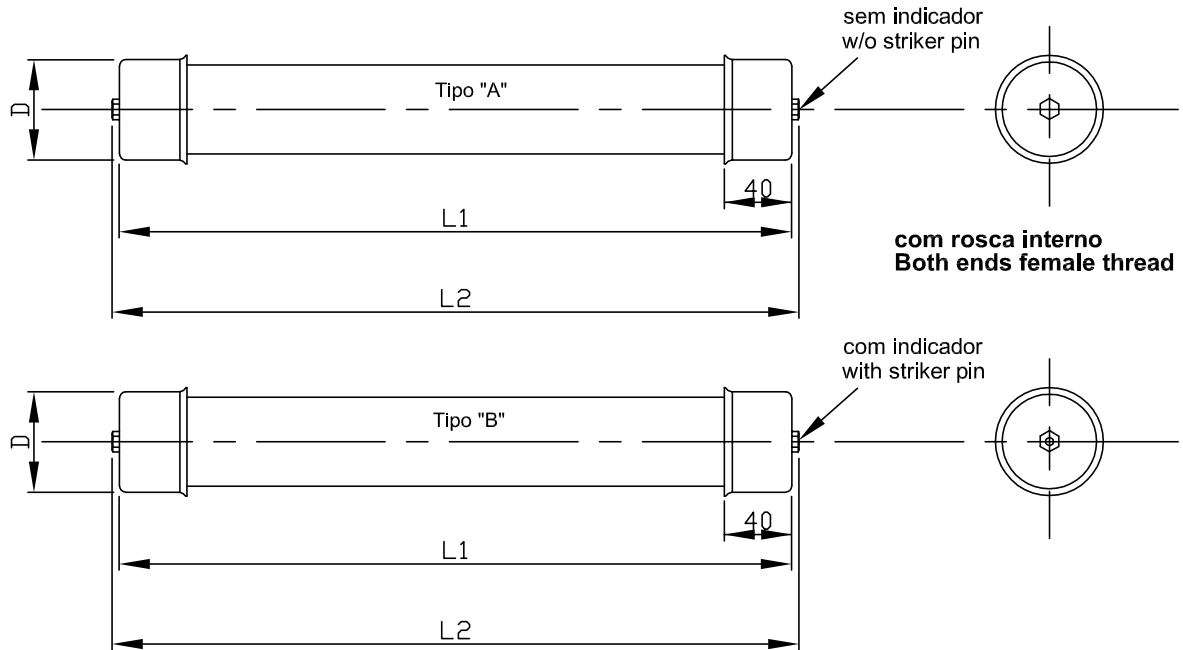


High - Voltage H. R. C Fuse - Links

In accordance with VDE 0670, IEC 282-1, DIN 43625

Special Fuse-Links oiltight

Dimensões / Dimensions



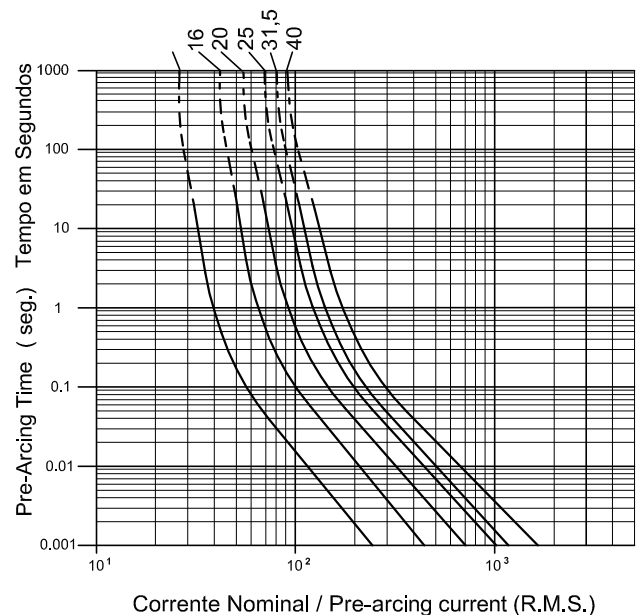
IEC 60282-1

| Tipo Type | Voltagem Voltage | Corrente Current | Rosca Thread | | Comprimento Length (mm) | | Diametro Diameter |
|--------------|---------------------|---------------------|-----------------|-------|----------------------------|-----|----------------------|
| | | | A | B | L1 | L2 | |
| A | 36KV | 10 - 25 | M8 | M8 | 360 | 371 | 63,5 |
| A | 36KV | 31.5 - 40 | M8 | M8 | 440 | 451 | 63,5 |
| B | 36KV | 10 - 25 | M8 | G1/8" | 360 | 383 | 63,5 |
| B | 36KV | 6 - 80 | M8 | G1/8" | 440 | 463 | 63,5 |

Características Elétricas / Electrical Characteristics

| Nr. Ref. | Corrente Current | Perda Watts | I ² t de fusão I ² t Pre-Arcing | I ² t total I ² t total |
|-------------|---------------------|----------------|----------------------------------------------------------|--------------------------------------------------|
| 5597 | 10 | 85 W | 75 | 1150 |
| 5598 | 16 | 52 W | 250 | 1905 |
| 5599 | 20 | 73 W | 640 | 6880 |
| 5600 | 25 | 88 W | 1030 | 11500 |
| 5601 | 31,5 | 130 W | 1400 | 16000 |
| 5602 | 40 | 150 W | 2500 | 31000 |

Curva Tempo - Corrente / Melting Time Curve



Fusivel Limitador de Corrente Tipo HH /

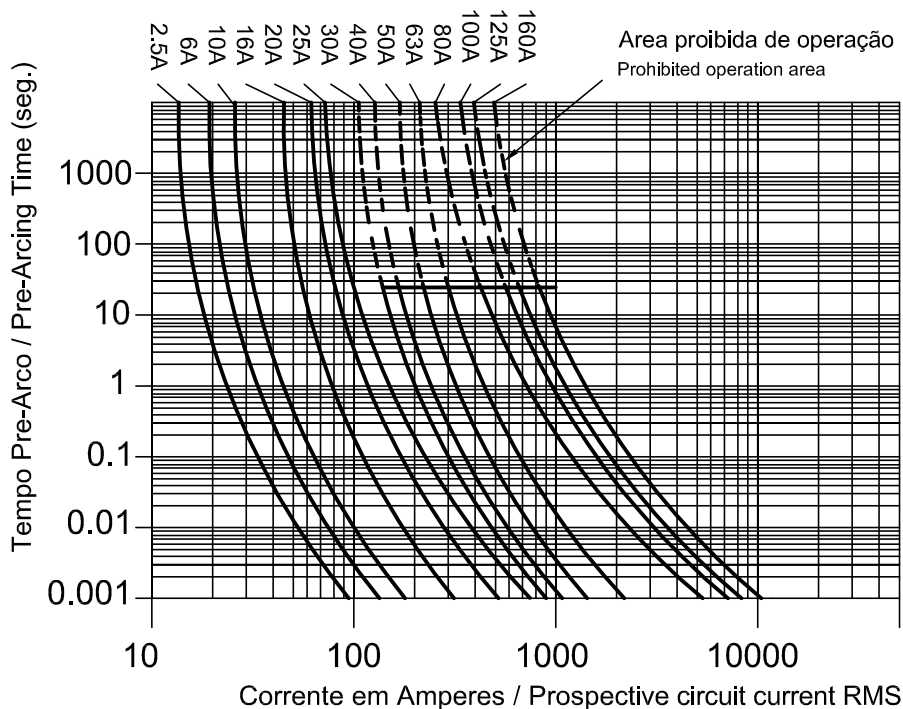
H.V. HRC Fuse - links



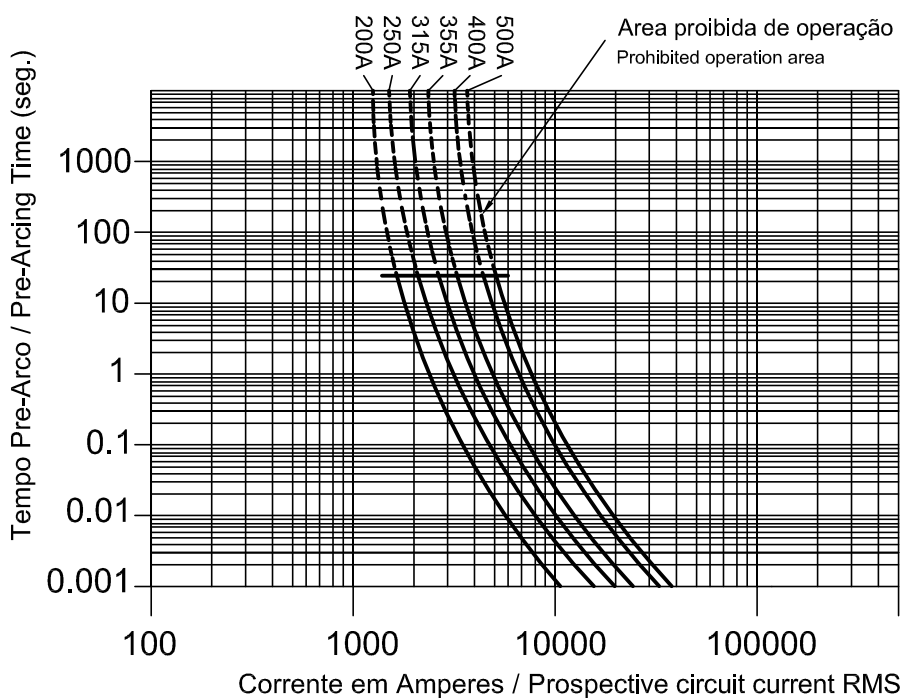
Conf. VDE 0670, EN 60644, IEC 60282-1, DIN 43 625,

HV HRC fuse-links in accordance with VDE 0670,
EN 60644, IEC 60282-1, IEC 60644, DIN 43 625,

Curva Tempo x Corrente / Time - Current Curve



Curva Tempo x Corrente / Time - Current Curve



- Excellent performance - Low arc voltage - low watts loss -

FUSIVEIS "HH" PARA PROTEÇÃO DE MOTORES



| VOLTAGEM KV | POTENCIA DE MOTOR EM KW | | | | | | | | | | | | |
|----------------|-----------------------------------------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 25 | 90 | 100 | 125 | 160 | 200 | 250 | 300 | 375 | 500 | 600 | 700 | 800 |
| | CORRENTE NOMINAL DOS FUSIVEIS TIPO "HH" | | | | | | | | | | | | |
| 2,3 / 2,4 | 40/50 | 50/63 | 63/80 | 80/63 | 80/100 | 100/125 | 125/160 | 160/200 | 224/250 | 250/315 | 315/400 | 355/400 | 400/500 |
| 3,3 / 3,6 | 25/32 | 32/40 | 40/50 | 50/63 | 63/80 | 80/100 | 100/125 | 125/160 | 160/200 | 200/224 | 250/315 | 250/315 | 315/355 |
| 6,6 / 7,2 | 16/20 | 16/20 | 20/25 | 25/32 | 15/32 | 40/50 | 50/63 | 63/80 | 80/100 | 100/125 | 125/160 | 160/200 | 160/225 |
| 10 / 15 | 10/16 | 10/16 | 10/16 | 16/20 | 20/25 | 25/32 | 32/40 | 40/50 | 50/63 | 63/80 | 63/80 | 80/100 | 100/125 |

FUSIVEIS "HH" PARA PROTEÇÃO DE TRANSFORMADORES

| VOLTAGEM KV | POTENCIA DO TRANSFORMATOR KVA (LIG. DY) | | | | | | | | | | | |
|----------------|-----------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|
| | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | |
| | CORRENTE NOMINAL DOS FUSIVEIS TIPO "HH" | | | | | | | | | | | |
| 6 / 7,2 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 160 | 200 | |
| 12 / 17,5 | 12 | 20 | 25 | 30 | 36 | 40 | 45 | 63 | 80 | 100 | 125 | |
| 20 / 24 | 6,3 | 8 | 10 | 12 | 16 | 20 | 25 | 36 | 40 | 50 | 60 | |
| 30 / 36 | 4 | 5 | 6 | 10 | 12 | 16 | 20 | 20 | 25 | 32 | 40 | |