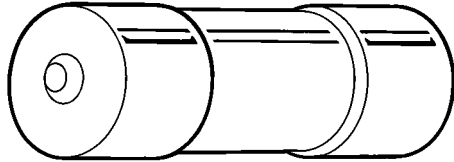


HCR cylindrical cartridge fuses aM type

Cat. No.(s) : 120 01 to 10 - 130 01 to 95 - 140 02 to 50
141 02 to 50 - 150 16 to 97 - 151 16 to 97



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1 "Vesuve" RANGE

1.1 Rated currents

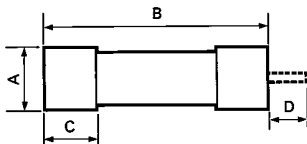
| Rating | 8,5 x 31,5 | 10 x 38 HPC | 14 x 51 HPC | | 22 x 58 HPC | |
|--------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | without stricker | with stricker | without stricker | with stricker |
| 0.25 | | 130 92 | | | | |
| 0.5 | | 130 95 | | | | |
| 1 | 120 01 | 130 01 | | | | |
| 2 | 120 02 | 130 02 | 140 02 | 141 02 | | |
| 4 | 120 04 | 130 04 | 140 04 | 141 04 | | |
| 6 | 120 06 | 130 06 | 140 06 | 141 06 | | |
| 8 | 120 08 | 130 08 | 140 08 | 141 08 | | |
| 10 | 120 10 | 130 10 | 140 10 | 141 10 | | |
| 12 | | 130 12 | 140 12 | 141 12 | | |
| 16 | | 130 16 | 140 16 | 141 16 | 150 16 | 151 16 |
| 20 | | 130 20 ⁽²⁾ | 140 20 | 141 20 | 150 20 | 151 20 |
| 25 | | 130 25 ⁽²⁾ | 140 25 | 141 25 | 150 25 | 151 25 |
| 32 | | | 140 32 | 141 32 | 150 32 | 151 32 |
| 40 | | | 140 40 | 141 40 | 150 40 | 151 40 |
| 45 | | | 140 45 ⁽¹⁾ | 141 45 ⁽¹⁾ | | |
| 50 | | | 140 50 ⁽¹⁾ | 141 50 ⁽¹⁾ | 150 50 | 151 50 |
| 63 | | | | | 150 63 | 151 63 |
| 80 | | | | | 150 80 | 151 80 |
| 100 | | | | | 150 96 | 151 95 |
| 125 | | | | | 150 97 ⁽¹⁾ | 151 97 ⁽¹⁾ |

(1) overrating described by standards - (2) overrating not described by standards

1.2 Rated voltage

8.5 x 31.5 : 400 V_~
 10 x 38 : 500 V_~ (except 20/25 A : 400 V_~)
 14 x 51 : 500 V_~ (except 45/50 A : 400 V_~)
 22 x 58 : 500 V_~ (except 125/50 A : 400 V_~)

2. OVERALL DIMENSIONS



| size | A | B | C | D |
|-----------------|------|------|-----|-----|
| 8.5 x 31.5 (mm) | 8.5 | 31.5 | 6.3 | - |
| 10 x 38 (mm) | 10.3 | 38 | 10 | - |
| 14 x 51 (mm) | 14.3 | 51 | 13 | 7.5 |
| 22 x 58 (mm) | 22.2 | 58 | 16 | 7.5 |

3. CONSUMPTION TABLES

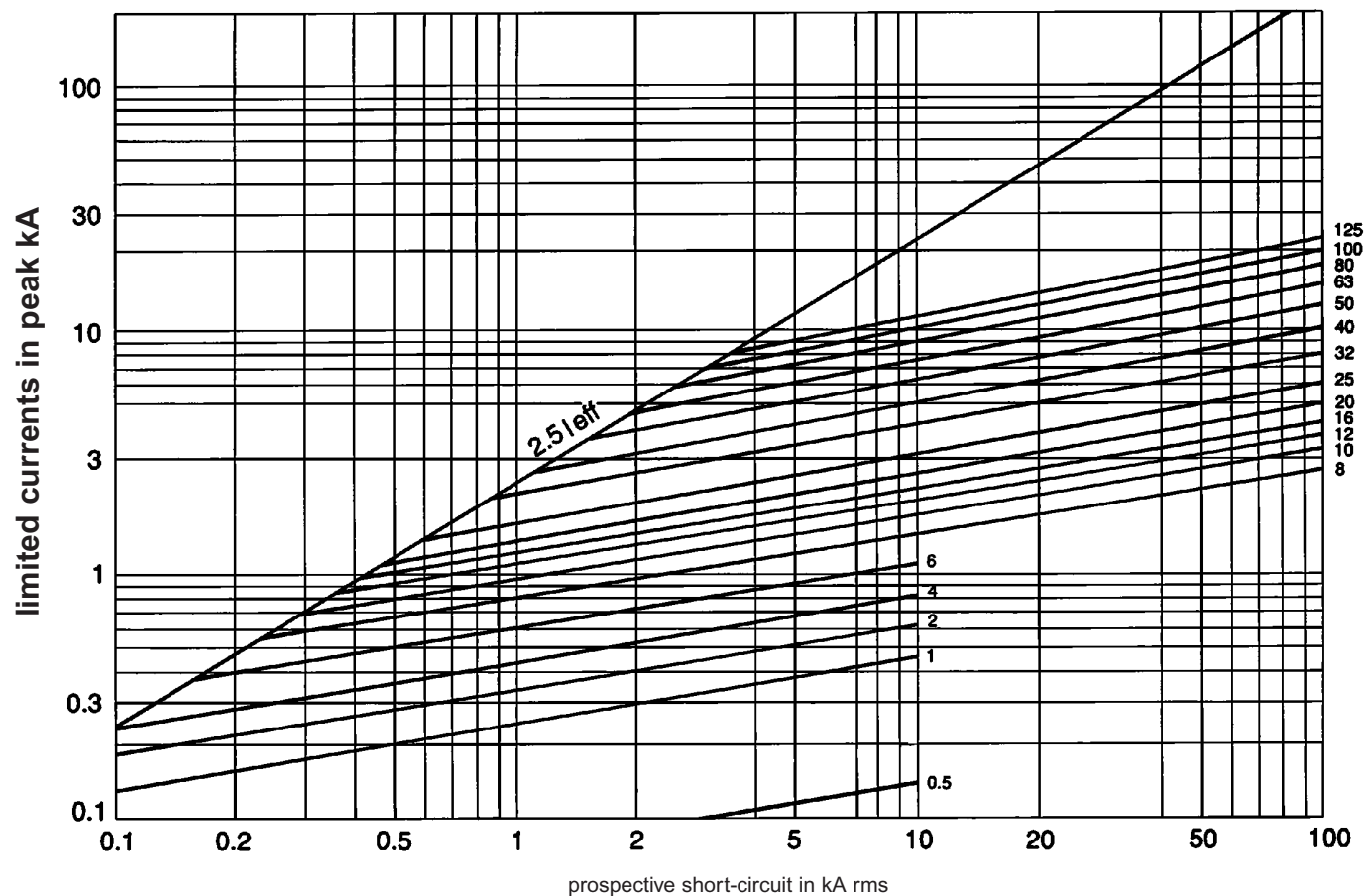
Consumption in watts when hot at rated current

| Cartridge fuses | Ratings | | | | | | | | | | | | | | | | | | | |
|-----------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0,25 | 0,5 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 32 | 40 | 45 | 50 | 63 | 80 | 100 | 125 |
| 8,5 x 31,5 | | | 0,05 | 0,08 | 0,14 | 0,25 | 0,30 | 0,35 | | | | | | | | | | | | |
| 10 x 38 | 0,02 | 0,04 | 0,08 | 0,12 | 0,17 | 0,30 | 0,35 | 0,40 | 0,45 | 0,70 | 1,00 | 1,20 | | | | | | | | |
| 14 x 51 | | | 0,12 | 0,15 | 0,25 | 0,30 | 0,40 | 0,50 | 0,65 | 0,90 | 1,00 | 1,20 | 1,55 | 2,10 | 2,15 | 2,55 | | | | |
| 22 x 58 | | | | | | | | | | 0,90 | 1,10 | 1,35 | 1,60 | 1,90 | | 3,00 | 4,10 | 5,20 | 6,50 | 9,42 |

HCR cylindrical cartridge fuses aM type

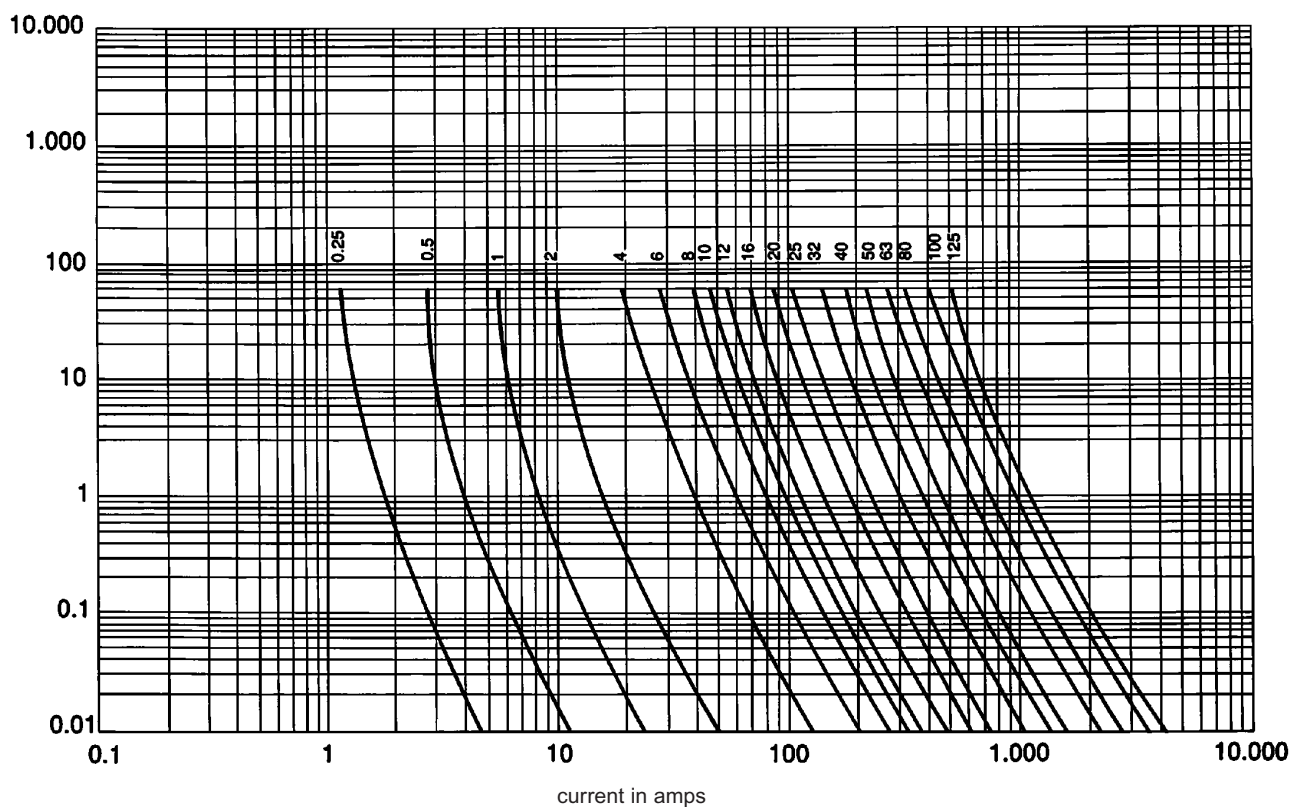
Cat. No.(s) : 120 01 to 10 - 130 01 to 95 - 140 02 to 50
141 02 to 50 - 150 16 to 97 - 151 16 to 97

4. LIMITATION CURVES



5. FUSION CURVES

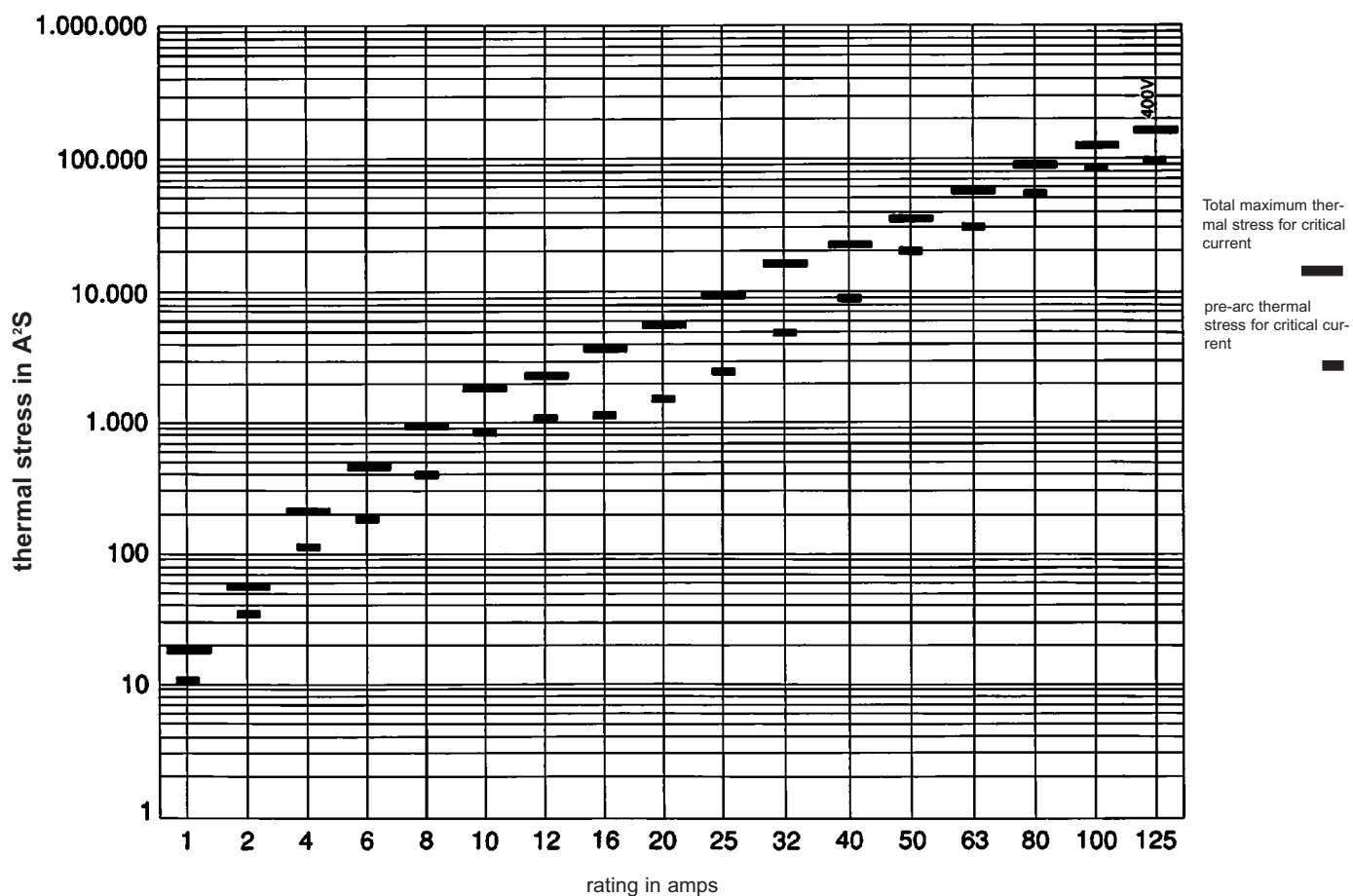
time in seconds



HCR cylindrical cartridge fuses aM type

Cat. No.(s) : 120 01 to 10 - 130 01 to 95 - 140 02 to 50
141 02 to 50 - 150 16 to 97 - 151 16 to 97

6. THERMAL STRESSES



7. NEUTRAL LINKS

Tube to ensure neutral continuity

| Cat. Nos | for dimensions |
|----------|----------------|
| 123 000 | 8,5 x 31,5 |
| 133 000 | 10 x 38 |
| 143 000 | 14 x 51 |
| 153 000 | 22 x 58 |

Material : tin-plated Cu-Zn brass

8. REFERENCE STANDARDS

NF C 60-200, 63-210, 63-211
IEC 60269-1, 60269-2 and 2-1
EN 60269-1
NFC 63-213 (July 1995)

Veritas approved