

Ferrule — FWS/FWL 1000Vdc: 2-30A

FWS 2-15A (20 x 127mm)
FWL 20-30A (20 x 127mm)

Specifications

Description: Ferrule style full range fuses.

Dimensions: See dimensions illustrations.

Ratings:

- Volts: — 1200Vac (FWL 20-30A)
- 1400Vac (FWS 8-15A)
- 2100Vac (FWS 2-6A)
- 1000Vdc (FWL/FWS 2-30)

Amps: — 2-30A

- IR: — 45kA RMS Sym.
- 30kA @ 1000Vdc

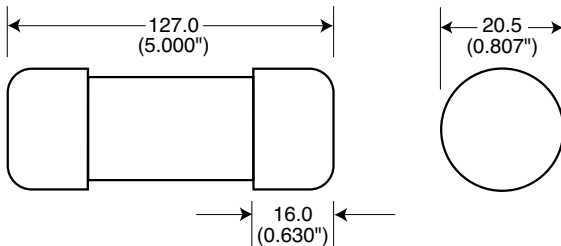
Agency Information: CE, IEC 60077

Catalog Numbers

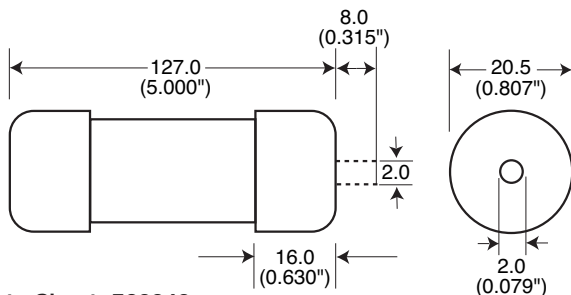
| Catalog Numbers | Size | Electrical Characteristics | | | |
|-----------------|---|----------------------------|---------------------------------------|---------------------|------------|
| | | Rated Current RMS-Amps | I ² t (A ² Sec) | | Watts Loss |
| | | | Pre-arc | Clearing at 1000Vdc | |
| FWS-2A20F | 20 x 127mm (¹³ / ₁₆ " x 5") | 2 | 0.8 | 2.4 | 4.4 |
| FWS-6A20F | | 6 | 27 | 81 | 6.7 |
| FWS-8A20F | | 8 | 64 | 192 | 7.6 |
| FWS-10A20F | | 10 | 118 | 277 | 3.0 |
| FWS-12A20F | | 12 | 170 | 380 | 3.4 |
| FWS-15A20F | | 15 | 209 | 500 | 5.0 |
| FWL-20A20F | 20 x 127mm (¹³ / ₁₆ " x 5") | 20 | 675 | 1550 | 5.9 |
| FWL-25A20F | | 25 | 1200 | 2760 | 6.5 |
| FWL-30A20F | | 30 | 1850 | 4300 | 7.5 |

- ADD "I" to catalog number for indicating version.
- Enclosed finger-safe fuse holder – CH127
- Open style fuse block – 4530-OP
- See accessories on page 216.
- Watts loss provided at rated current.

Dimensions - mm (inches)



Indicating Version - Dimensions - mm (inches)



Data Sheet: 720040



Features and Benefits

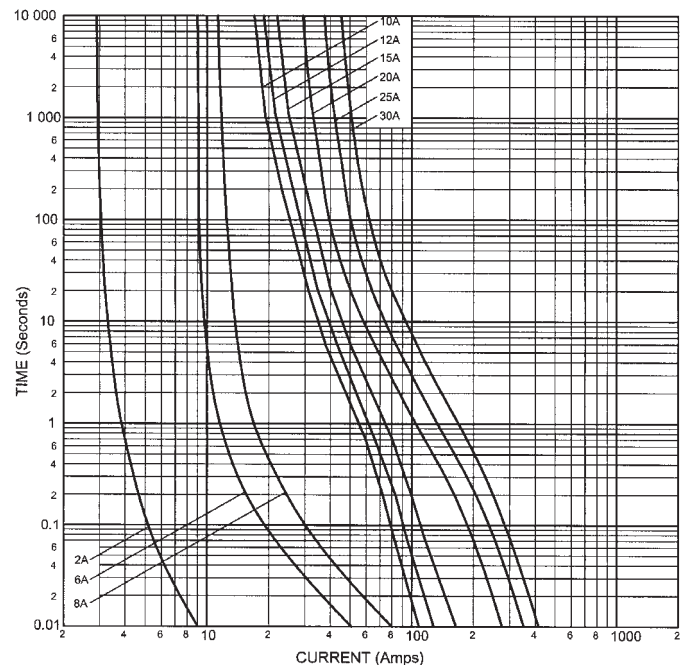
- Excellent cycling capability and DC performance
- Low arc voltage and low energy let-through (I²t)
- Low watts loss in a compact size
- Used with finger-safe holders/blocks

Typical Applications

- DC common bus
- DC drives
- Power converters/rectifiers
- Reduced voltage starters
- Traction aux circuits
- Capacitor protection

FWL/FWS 2-30A: 1000Vdc 2-30A (20 x 127mm)

Time-Current Curve



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