

Security



Overview:

SOC's quality fuse construction allows for long field lifetimes required in security applications. Despite stiff competition from PTCs, whose resettability plays well in this market, the ability of SOC's fuse technology to respond quicker in overcurrent events and safely operate on for wider range of voltages gives distinct advantages to our fuses.

Further, our fuses are much less sensitive to environmental temperatures than PTCs, allowing SOC's fuses function appropriately even in the hottest environments.

Fuses for these markets can be sized with very low load factors as steady state currents are low or intermittent. This helps to ensure SOC's fuses only operate when necessary and not nuisance operate for a long time.

Product Offering:



11CF / CT

Rated currents up to 10A available within 1206 package size. The CF is quick-acting rated up to 72 VDC. Also available as the 11CT with an inrush-withstand characteristic.



25CF / CT

25CF current ratings range from 63mA to 18A. Wide current rating range allows protection of primary AC/DC converter or small current sense lines. CT variant features greater inrush current handling capabilities.



MCF

Semiconductor protection fuses. Dual rated 125 VAC/ 72 VDC. Current ratings available from 3A down to as low as 50mA. Smallest wire element fuse. Excellent for protection of remote sense and communication lines