Fuse Selection:

1. Normal Operating Current
2. Application Voltage (AC or DC)
3. Ambient temperatura
4. Overload current and length of time in which the fuse must open
5. Pulses, Surge Currents, Inrush Currents, Start-up Currents, and Circuit Transients
6. Physicl size limitations, such as length, dikameter, or height
7. Agency Approvals required, such as UL, CSA, VDE, METI, MITI or Military
8. Fuse features (mounting type/form factor, ease of remoival, axial leads, visual indication, etc)
9. Fuseholder features, if applicable and associated rerating (clips, mounting block, panel mount, PC board mount, RFI shielded, etc.)
10. Appliucation testing and verification prior to production

Design:

1. Normal Operation Current = 3 A
2. Applicable Voltage (max) = 14.8V
3. Ambient temperature = 25-30°(? (VER)
4. Overload current = 3.3A for more than …