TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USR indicates investigation to the UL standard for Safety for Solid State Overcurrent Protectors, UL 2367, First Edition.

Use – For use only in (or with) complete equipment where the acceptability of the combination is determined by UL LLC.

Conditions of Acceptability –

1. These devices are integrated circuits and electrical spacings within the device are not specified.

2. These devices are entirely electronic in nature and have no means for manual operation or reset.

3. The terminals of these devices are for factory wiring only and intended to be mounted on a printed wiring board.

4. These devices have only been evaluated for supplementary overcurrent protection of secondary circuits supplied by the load side of a transformer or battery, and have not been evaluated for branch-circuit protection.

5. These devices have been investigated as electronic overcurrent protective devices in accordance with the requirements contained in UL 2367. As a result, use is permitted only on the load-side of an isolating transformer, power supply or battery with maximum levels limited as follows:

Output Voltage (V_{oc})		Output Current (I_{sc})	VA
V_{ac}	V_{dc}	A	(V×A)
≤ 20	≤ 20	≤1000 / V_{oc}	≤ 250
20 < V_{oc} ≤ 30	20 < V_{oc} ≤ 30	≤1000 / V_{oc}	≤ 250
—	30 < V_{oc} ≤ 60	≤1000 / V_{oc}	≤ 250

6. Use on secondary supply circuits with a higher power capability requires additional evaluation for reliability, such as are contained in the Standard for Safety-Related Controls Employing Solid-State Controls, UL 991.

7. These devices have not been subjected Tests for Telecom applications and their suitability for connection to telecommunication networks with outside plant connections should be determined in the end-use.

8. These devices were evaluated with respect to continuous current operation at the current levels shown in the electrical ratings section of this report.

Conditions of Acceptability (cont'd) –

9. These devices have been subjected to environmental conditionings with respect to the following conditions (per UL 2367):

   Shipping and Storage: -30 to +70°C
   Thermal Cycling
   Endurance
   Abnormal (24Vpk, 2.55Vdc, 26.4Vdc)
   Maximum Operating Temperature: 105°C

10. These devices have been evaluated for indoor and outdoor use.

11. These devices limit currents to values less than the overcurrent protection rating noted.

12. These devices were tested in the circuit shown in Illustration 4.