



VOLTAGE DROP

03-17-94
ER 22-200
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USE: Recommendations for customers' wiring to avoid excessive voltage drop.

PREVIOUS REVISION

ORIGINATED
03-94

PREVIOUS NUMBER
ER 1-900-A, 08-01-89

LATEST REVISION:

SPECIFICATION:

The Company's responsibility for voltage terminates at the entrance switch. Satisfactory voltage cannot be furnished if the load is in excess of the rated capacity of the switch.

1. LIGHTING WIRING:

In the interest of good service, the wiring for lighting in all buildings should be of such a size that the drop in voltage from the main service switch to the most distant lamp, under maximum loading conditions, should not exceed 2 per cent of the service voltage.

2. POWER WIRING:

In the interest of good service it is strongly recommended that the customer's wiring be so designed and installed that the voltage drop from the service switch to the most distant motor should not exceed 4 per cent with full load on the devices connected to that service.