

가 가
 / (voltage surges and
 transients) RTU,
 SCADA,

IC 100,000 5,000
 logic gate가 IC

(firing voltage)

TTL 40V
 , CMOS chip 17V
 RS-232

IC 100mJ 가

, PCB 가
 가

가

(가)

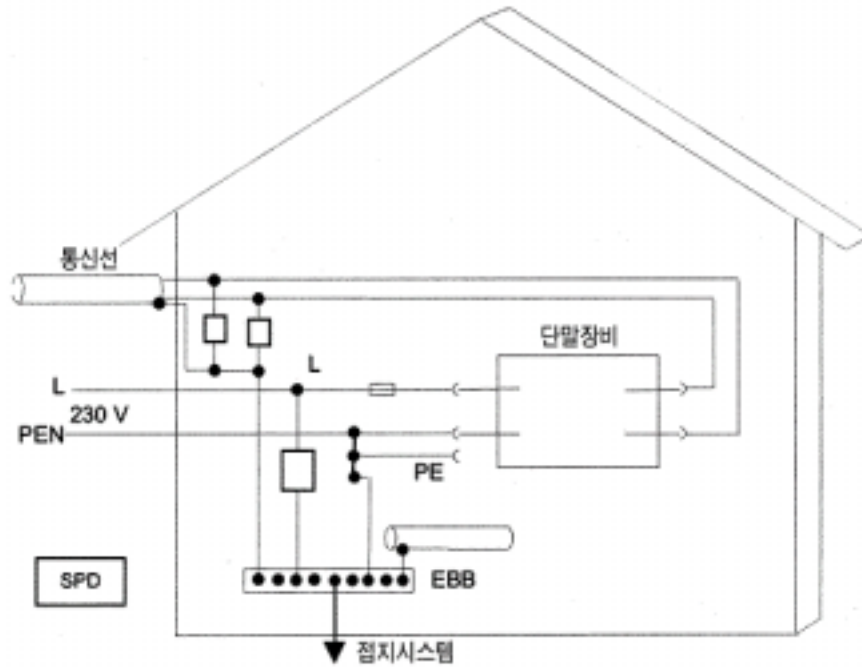
가

150m

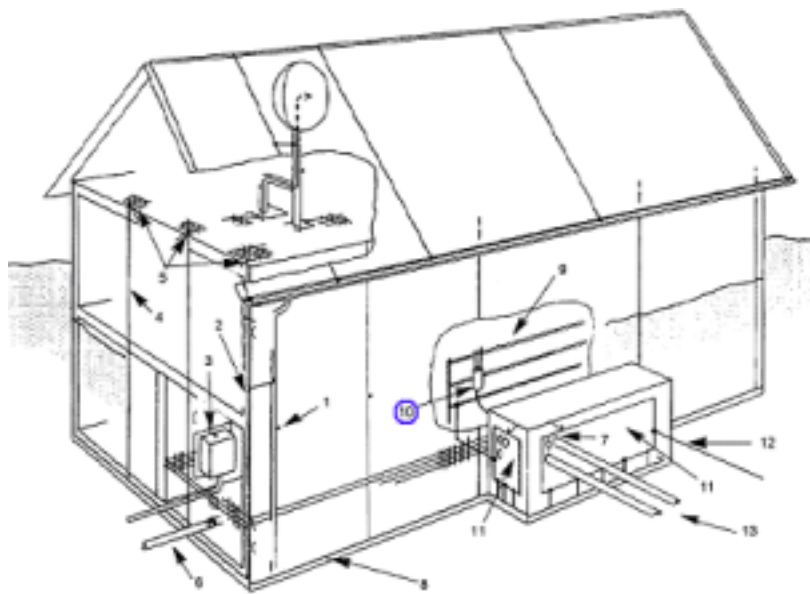
가

, RS-232, RS-422, RS-423, 4mA
 -20mA

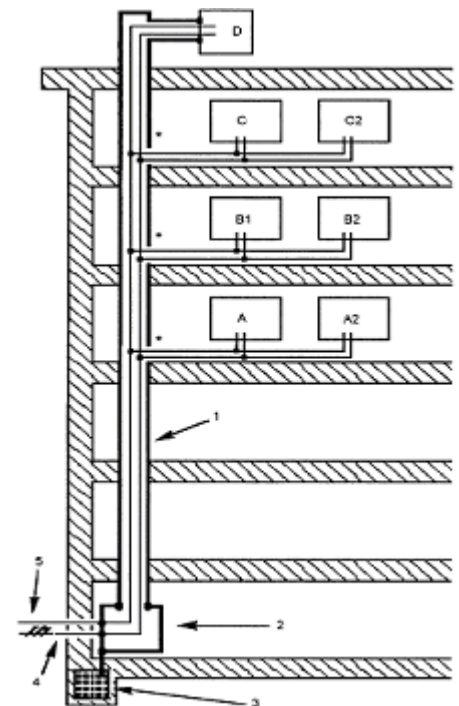
1. The need for communication line surge protection: Fabrice Larmier, Mobile Radio Technology, Apr 1, 1997
2. KS C IEC 61024-1-2
3. KS C IEC 61663-2



SPD
KS C IEC 61663-2 6



10. 1 SPD
KS C IEC 61024-1-2 70



* 2 SPD
KS C IEC 61024-1-2 B.3

