

ICB

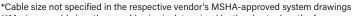
In-line Circuit Breaker

The Pillar Innovations In-Line Circuit Breaker is a 5 amp circuit breaker that meets the MSHA short circuit, 10 second trip requirement for the provided cable lengths and sizes.

SPECIFICATIONS

In-line Circuit Breaker (ICB), Model # PI-ICB-5A Compatibility Table

| Compatible With: | System / Application | Maximum Cable Length | | | |
|---------------------------------------|--|----------------------|------------|-------------|----------|
| | | 8 AWG | 10 AWG | 12 AWG | 14 AWG |
| PSX-24 | Becker UHF Leaky Feeder System | N/A * | 4500 ft.** | 3000 ft. ** | N/A * |
| | Minesite Technologies ImPact Wireless System | N/A * | 4500 ft.** | 3000 ft. ** | N/A * |
| General Purpose AC Applications | Lights *** | 5800 ft. | 3700 ft. | 2300 ft. | 1400 ft. |



^{**}Maximum cable length per cable size is determined by the shorter length of:

Application Notes

- This unit should be installed as close as possible to the power center to provide maximum cable protection
- For applications other than those stated above, please contact Pillar Innovations







the cable length stated in the respective vendor's MSHA-approved system level drawings

the PSX-24 operational parameters to meet the MSHA 10 second trip requirement for short circuit conditions
***Maximum lighting circuit wattage of 340 watts on 8, 10, 12, 14 AWG round power cable