

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.

*Cable size not specified in the respective vendor's MSHA-approved system drawings

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

- 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

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

