

Operation Description

The MCT-320 is a fully supervised, PowerCode magnetic contact transmitter, for use with PowerCode products. The transmitter includes a built-in reed switch (that opens upon removal of a magnet placed near it). The magnet switch has a unique 24-bit PowerCode ID, selected in the factory from over 16 million possible code combinations.

Since messages transmitted by the MCT-320 might collide with transmissions from other PowerCode transmitters, a "smart" anti-collision transmission sequence is used. The MCT-320 tamper switch is activated when the cover is removed or when the detector is removed from the wall. A periodic supervision message is transmitted automatically. The target receiver is thus informed, at regular intervals, of the unit's active participation in the system.

An LED lights whenever alarm or tamper events are reported. The LED light can be disabled if desired. The LED does not light while a supervision message is being transmitted. Operating power is obtained from an on-board 3 V Lithium battery. When the battery voltage is low, a "low battery" message is sent to the receiver.

