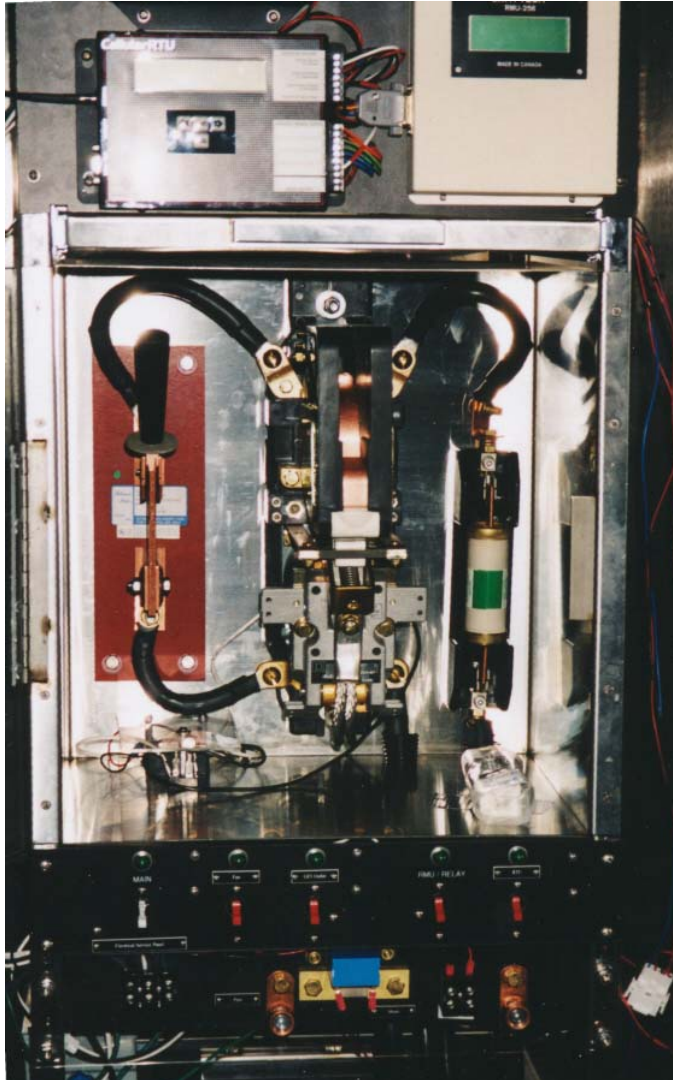


CATH-TECH

Corrosion Control Equipment

Cath-Tech™ Electrolysis Switch Model CTL-ET150



Specification

Switch	Electro-Mechanical 150 amp capacity
By-Pass Switch	Mechanical 150 amp capacity
Fuse	Fast Blow 200 amp
Remote Monitoring	Frequency Hopping Radio Modem
Cabinet	Stainless Steel
Control	Pull in and drop out voltage adjustable

Operation

The electronic sensing package monitors the potential between the pipeline and the negative buss of the traction substation. The pull in voltage and the drop out voltage are adjustable from a PC. The electronics has built in hysteresis to prevent chattering of the relay under normal conditions.

The switch is housed in an internal cabinet with glass door to allow observance of the switch operation but provide protection to the observer from particles or flash.

The assembly is housed in a stainless steel lockable cabinet and is provided with a Cath-tech Freewave radio remote monitoring system.

The CTL-ET150 electrolysis switch can be activated or deactivated remotely using the Cath-tech Freewave remote monitoring system.

The CTL-ET150 is a Mechanical Switch for draining stray current from underground piping to the negative buss of a traction system.

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