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The BOXI EB80 and EB80 solenoid valve islands are certified  for the US and Canadian markets. The use in the Canadian market, however, is subject to the following operating conditions:

- Case 1 – maximum ambient temperature 45°C with permanent 100% ED control of NON-adjacent solenoid pilots.
- Case 2 – maximum ambient temperature 45°C with permanent 70% ED control of NON-adjacent solenoid pilots.

For the ED calculation, a cycle time of 5 min. (300s) is considered.

So, for example:

A 70% ED means a cycle with 270 seconds with activated pilot (ON) and 90 seconds with de-activated pilot (OFF).

A 60% ED means a cycle with 180 seconds with activated pilot (ON) and 120 seconds with deactivated pilot (OFF).

A 50% ED means a cycle of 150 seconds with activated pilot (ON) and 150 seconds with deactivated pilot (OFF).

The cycle can be repeated several times.