

4.14 Inching

Inching function permits to move a vehicle backward or forward with two switches only if all traction commands are released.

A time-out is used to avoid vehicle continuing movement if one of the switches gets stuck or is shorted.

4.15 Speed and current limits

Maximum motor speed and current can be limited by inputs (digital, analog or display-turtle button) status, by the active Operating Profile and when the battery is discharged.

4.16 Emergency reverse (EMR) and crawl speed

These functions are usually used in electric stackers.

When EMR switch is activated, it forces traction to reverse drive condition at a specified speed value and time.

When traction is not enabled and crawl switch input is active traction motor can moved anyway in forward or reverse direction at a specific fixed speed.

These functions are available only in SPEED control mode.

4.17 Hill hold

This function held at standstill a vehicle on a hill for a settable time. At the end of this time, the vehicle will enter in controlled roll-off. Hill hold can be activated never, always, after pressing pedal brake, by digital switch or by display.

This function is available only in SPEED control mode.

4.18 Pump auxiliary inputs

Pump motor speed request can come also from at maximum of four digital inputs. If more than one input is active, the user must choose the logic of selection (lowest/highest request).