

Is there a way to use a physical switch to on/off ERMS, like in the case of Masterpact NT/NW?

Yes you can use ESM module:



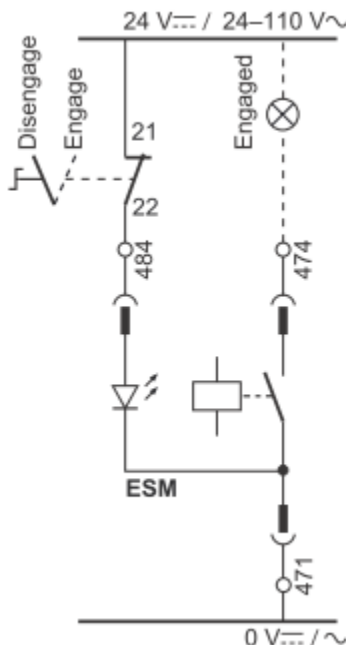
ESM: ERMS Switch Module

The ESM optional hardware module is used with an external lockable selector switch to engage/disengage the ERMS function. It is equipped with one input dedicated to the ERMS selector switch and one output to activate an external pilot light when the ERMS is engaged. The ESM optional hardware module requires the MicroLogic X control unit to be supplied by an external 24 V dc power supply. When the ESM optional hardware module is installed, the M2C optional module 2 contacts cannot be installed.

ESM	MTZ1, MTZ2, MTZ3	Output	Input
Rated voltage	V AC	250 V / 3 A	24 ... 110 V
	V DC	30 V / 3 A	24 V
Max breaking voltage	V AC	277 V / 3 A	-
Max load breaking capacity	V AC	277 V / 3 A	-
	V DC	30 V / 3 A	-
Minimum load	V DC	5 V / 10 mA	-

Please note that if you install ESM module you can not install M2C module;
The reference of this module is LV836300SP.

This module will allow you to use a push button to engage and disengage ERMS.
See schematic below:



en Install terminal block and wire the ESM module according to the wiring diagram.

it Installare la morsettiera e cablare il modulo ESM secondo lo schema di cablaggio.

The installation is described in the doc attached.

[LV836300SP IS.pdf](#)

NOTE: to be operational, ESM-ERMS must be declared with Ecoreach.