

Remote Reset

Introduction

Setting the Fault Reset Mode parameter to **Remote** adds resetting faults from the PLC over the LTM R network port. This provides centralized monitoring and control of equipment installations. The Control channel parameter selection determines the available reset methods.

Both manual reset methods and remote reset methods reset a fault.

Remote Reset Methods

The LTM R controller provides the following remote reset methods:

Protection Category	Monitored Fault	Control Channel		
		Terminal Strip	HMI	Network
Diagnostic	Run Command Check	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Stop Command Check	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Run Check Back	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Stop Check Back	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
Wiring / configuration errors	PTC connection	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	CT Reversal	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Voltage Phase Reversal	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Current Phase Reversal	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Voltage Phase Loss	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
	Phase Configuration	RB, PC, I.5, NC	RB, PC, I.5, NC	RB, PC, I.5, NC
Internal	Stack Overflow	PC	PC	PC
	Watchdog	PC	PC	PC
	ROM Checksum	PC	PC	PC
	EEROM	PC	PC	PC
	CPU	PC	PC	PC
	Internal Temperature	PC	PC	PC
Motor temp sensor	PTC Binary	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	PT100	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	PTC Analog	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	NTC Analog	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
Thermal overload	Definite	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Inverse Thermal	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
Current	Long Start	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Jam	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Current Phase Imbalance	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Current Phase Loss	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Undercurrent	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Overcurrent	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	External Ground Current	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Internal Ground Current	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
Voltage	Undervoltage	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Overvoltage	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Voltage Phase Imbalance	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
RB Test/Reset button on the LTM R controller front face or the HMI PC Power cycle on the LTM R controller I.5 Set I.5 logic input on the LTM R controller NC Network command				

Protection Category	Monitored Fault	Control Channel		
		Terminal Strip	HMI	Network
Power	Underpower	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Overpower	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Under Power Factor	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	Over Power Factor	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
Communication Loss	PLC to LTM R	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
	LTM E to LTM R	RB, I.5, NC	RB, I.5, NC	RB, I.5, NC
RB Test/Reset button on the LTM R controller front face or the HMI PC Power cycle on the LTM R controller I.5 Set I.5 logic input on the LTM R controller NC Network command				