

Pump Controls

SELECTION GUIDE

Based on Irrigation Controller Model

Use Standard PSR when MV amps + Solenoid Valve amps do not exceed controller output amperage. (MPSR24, MPLC24T)

Use Low-Amp PSR when MV amps + Solenoid Valve amps exceed controller output amperage, or is a 2-wire system. (MPSR242W_, MPLC242W_)

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
HUNTER		
X-CORE	MPSR242W_*	MPLC242W_*
X2	MPSR242W_*	MPLC242W_*
PRO-C	MPSR242W_*	MPLC242W_*
HC	MPSR242W_*	MPLC242W_*
PRO-HC	MPSR242W_*	MPLC242W_*
HPC	MPSR242W_*	MPLC242W_*
HCC	MPSR24	MPLC24T
ICC2	MPSR24	MPLC24T
ACC2	MPSR24	MPLC24T

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
RAIN BIRD		
ESP-LXD	MPSR242W_*	MPLC242W_*
ESP-LXME2	MPSR242W_*	MPLC242W_*
ESP-LXME2 PRO	MPSR242W_*	MPLC242W_*
EXP-ME3	MPSR242W_*	MPLC242W_*
ESP-LX-IVM	NA	NA
ESP-LX-IVM PRO	NA	NA
RC2	MPSR24	MPLC24T

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
K-RAIN		
SITEMASTER	MPSR242W_*	MPLC242W_*
PRO EX 2.0	MPSR24	MPLC24T
PRO LC	MPSR24	MPLC24T
RPS46	MPSR24	MPLC24T

*Insert '11' for 110v (or) '22' for 220v

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Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
IRRITROL		
KD2 SERIES	MPSR24	MPLC24T
RAIN DIAL-R SERIES	MPSR242W_*	MPLC242W_*
TOTAL CONTROL R SERIES	MPSR242W_*	MPLC242W_*
MC-E	MPSR24	MPLC24T
RAIN MASTER EAGLE	MPSR24	MPLC24T
RAIN MASTER EAGLE PLUS	MPSR24	MPLC24T
RAIN MASTER TWICE 2-WIRE	MPSR24	MPLC24T

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
RACHIO		
ALL MODELS	MPSR242W_*	MPLC242W_*

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
ORBIT		
ALL MODELS	MPSR242W_*	MPLC242W_*

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
WEATHERMATIC		
PL4800	MPSR24	MPLC24T
PL1600	MPSR24	MPLC24T
PL800	MPSR242W_*	MPLC242W_*
SL4800	MPSR24	MPLC24T
SL1600	MPSR24	MPLC24T

Controller Brand/Model	Recommended MPSR (PUMP START RELAY)	Recommended MPLC (SMART CONTROL W/PUMP PROTECTION)
HYDRO-RAIN		
BHYVE	MPSR24	MPLC24T

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