

Three-Phase Monitor Relays
Series Comparison

PROTECT EQUIPMENT FROM PREMATURE FAILURE

Three-Phase Monitor Relays provide protection against premature equipment failure caused by voltage faults on three-phase systems. They retasin fault indication and continue to monitor all voltages even qwith phase loss.

COMPARISON TABLE

SERIES	OUTPUT	PHASE REVERSAL	PHASE LOSS	UNDER- VOLTAGE	OVER- VOLTAGE	PHASE UNBALANCE
PCP	10A SPDT	✓	_	_	_	_
PLP	10A SPDT	✓	✓	_	_	_
PAP	10A SPDT	√	✓	Adjustable 75 - 95%	_	_
PJPU-FA8X	5A SPDT/SPNO	✓	✓	_	_	Indication Only
PMP	10A SPDT	✓	✓	Adjustable 80 - 95%	Fixed at 110%	Adjustable 2 - 10%
PMP-FA8	10A SPDT	✓	✓	Fixed at 90%	Fixed at 110%	Fixed at 6%
PMPU-FA8X	5A SPDT/DPNO	√	✓	Fixed at 90%	Fixed at 110%	Fixed at 6%
PMPU-FA12X	5A DPDT	✓	✓	Fixed at 90%	Fixed at 110%	Fixed at 6%
PMD	10A DPDT	√	√	Adjustable 80 - 95%	Fixed at 110%	Adjustable 2 - 10%
PMDU	10A DPDT	✓	✓	Adjustable 5 - 25%	_	_
PBDU	5A SPDT	✓	✓	_	_	✓
PC Series with	Communication:					
PC	5A SPDT	✓	✓	Adjustable 80 - 95%	Adjustable 105 - 120%	Adjustable 2 - 10%
	PCP PLP PAP PAP PJPU-FA8X PMP PMP-FA8 PMPU-FA12X PMD PMDU PBDU PC Series with	PCP 10A SPDT PLP 10A SPDT PAP 10A SPDT PJPU-FA8X 5A SPDT/SPNO PMP 10A SPDT PMP-FA8 10A SPDT PMPU-FA8X 5A SPDT/DPNO PMPU-FA12X 5A DPDT PMD 10A DPDT PMDU 10A DPDT PBDU 5A SPDT PC Series with Communication:	SERIES OUTPUT REVERSAL PCP 10A SPDT ✓ PLP 10A SPDT ✓ PAP 10A SPDT ✓ PMPU-FA8X 5A SPDT/SPNO ✓ PMP-FA8 10A SPDT ✓ PMPU-FA8X 5A SPDT/DPNO ✓ PMPU-FA12X 5A DPDT ✓ PMD 10A DPDT ✓ PMDU 10A DPDT ✓ PBDU 5A SPDT ✓ PC Series with Communication: ✓	SERIES OUTPUT REVERSAL LOSS PCP 10A SPDT ✓ ✓ PLP 10A SPDT ✓ ✓ PAP 10A SPDT ✓ ✓ PMP -FA8X 5A SPDT/SPNO ✓ ✓ PMP-FA8 10A SPDT ✓ ✓ PMPU-FA8X 5A SPDT/DPNO ✓ ✓ PMPU-FA12X 5A DPDT ✓ ✓ PMDU 10A DPDT ✓ ✓ PBDU 5A SPDT ✓ ✓ PC Series with Communication: ✓ ✓	SERIES OUTPUT REVERSAL LOSS VOLTAGE PCP 10A SPDT ✓ ✓ ✓ PLP 10A SPDT ✓ ✓ Adjustable 75 - 95% PJPU-FA8X 5A SPDT/SPNO ✓ ✓ Adjustable 80 - 95% PMP 10A SPDT ✓ ✓ Fixed at 90% PMP-FA8 10A SPDT ✓ ✓ Fixed at 90% PMPU-FA8X 5A SPDT/DPNO ✓ ✓ Fixed at 90% PMDU-FA12X 5A DPDT ✓ ✓ Adjustable 80 - 95% PMDU 10A DPDT ✓ ✓ Adjustable 5 - 25% PBDU 5A SPDT ✓ ✓ Adjustable 4 - 25% PC Series with Communication: ✓ Adjustable 4 - 25%	SERIES OUTPUT REVERSAL LOSS VOLTAGE VOLTAGE PCP 10A SPDT ✓ ✓ ✓ ✓ ✓ ✓ PLP 10A SPDT ✓ ✓ ✓ Adjustable 75 - 95% ✓ PJPU-FA8X 5A SPDT/SPNO ✓ ✓ Adjustable 80 - 95% Fixed at 110% PMP-FA8 10A SPDT ✓ ✓ Fixed at 90% Fixed at 110% PMPU-FA8X 5A SPDT/DPNO ✓ ✓ Fixed at 90% Fixed at 110% PMDU-FA12X 5A DPDT ✓ ✓ Adjustable 80 - 95% Fixed at 110% PMDU 10A DPDT ✓ ✓ Adjustable 5 - 25% — PBDU 5A SPDT ✓ ✓ Adjustable Adjustable Adjustable Adjustable Adjustable

Macromatic Industrial Controls, Inc. • 2201 Corporate Drive • Waukesha, WI 53189 800.238.7474 • 262.781.3366 • sales@macromatic.com • www.macromatic.com