



MODEL NUMBER	WATT-AGE *	INPUT VOLTAGE **			CURRENT (A)		INRUSH (***)		+24 OUTPUT VOLTAGE (DC)			CURRENT (A)		FC OUTPUT VOLTAGE (DC)			CURRENT (MA) NOM	FUSES		
		MIN	NOM	MAX	NOM	MAX	CUR-RENT (A)	TIME ms	MIN	NOM	MAX	NOM	MAX	MIN	NOM	MAX		F1 INPUT	F2 +24	F3 FC
90P2X120AC24FC450W	450	105 vac	117 vac	130 vac	5.0	5.5	134	8	22.5	25.5	28.9	18	18.5	21	24	27.5	400	7A s.b.	20A	1A
90P2X120AC125FC450W	450	105 vac	117 vac	130 vac	5.0	5.5	134	8	22.5	25.5	28.9	18	18.5	107	125	143	400	7A s.b.	20A	1A
90P2X240AC24FC450W	450	210 vac	234 vac	260 vac	2.5	2.75	40	6	22.5	25.5	28.9	18	18.5	21	24	27.5	400	4.0A s.b.	20A	1A
90P2X240AC125FC450W	450	210 vac	234 vac	260 vac	2.5	2.75	40	5	22.5	25.5	28.9	18	18.5	107	125	143	400	4.0A s.b.	20A	1A
90P2X120AC48FC450W	450	105 vac	117 vac	130 vac	5.0	5.5	134	8	22.5	25.5	28.9	18	18.5	48	50	55	400	7A s.b.	20A	1A
90P2X240AC48FC450W	450	210 vac	234 vac	260 vac	2.5	2.75	40	5	22.5	25.5	28.9	18	18.5	48	50	55	400	4.0A s.b.	20A	1A

* WATTAGE RATING IS BASED ON NOMINAL LINE VOLTAGE.
 ** THE SOURCE FREQUENCY MUST BE BETWEEN 48 & 62 Hz.
 *** INRUSH WAS AT HIGH LINE FULL LOAD.

NOTES:

- THE 90P2X*AC*FC450W WEIGHS 12.9 kg (28 lbs, 6 oz.)
- OPERATING TEMPERATURE 0°C TO 50°C.
- EACH "OV" AND "+24" ANNUNCIATOR POWER INPUT TERMINAL MUST BE INDIVIDUALLY WIRED TO THE POWER SUPPLY "OV" AND "+24" OUTPUT TERMINALS. IF THERE ARE INSUFFICIENT "OV" AND "+24" POWER SUPPLY TERMINALS FOR THE WIRES REQUIRED, CHASSIS MAY BE GROUPED, PROVIDED THE LOAD PER WIRE PAIR DOES NOT EXCEED 182 WATTS. RUNS UNDER 20 FEET MAY USE 16 GAUGE WIRE. RUNS BETWEEN 20 AND 40 FEET MUST USE 14 GAUGE WIRE. RUNS OVER 40 FEET ARE NOT RECOMMENDED.
- A SINGLE FC AND/OR FCC WIRE BETWEEN THE SUPPLY AND THE MAIN BUS IS SUFFICIENT FOR ANY OUTPUT CAPACITY.
- MIN. OUTPUT VOLTAGES ARE AT LOW LINE AND THE HEAVY LOAD. MAX. OUTPUT VOLTAGES ARE AT HIGH LINE AND LIGHT LOAD.
- STANDARD POWER INTERRUPTION CAPACITY IS 16ms. SPECIFY OPTION "IM" IF 100ms INTERRUPTION CAPACITY IS REQUIRED. OPTION "IM" MUST ALSO BE SPECIFIED FOR PLUGS-INS, AND IS AVAILABLE FOR AC INPUT 24V FC MODELS ONLY.
- "+24" IS NOT FILTERED AND CANNOT BE USED FOR "FC".

USED ON/REF. DWG	DESCRIPTION
90P*	DWG. LIST

90100-P2-1-16-01.dwg

SYM	REVISION	DATE	BY	CH.	RESTRICTED, CONFIDENTIAL DOCUMENT	AMETEK			
					THIS DRAWING AND ALL INFORMATION SHOWN HEREON ARE THE EXCLUSIVE PROPERTY OF AMETEK / PANALARM AND ARE SUBMITTED ONLY ON A CONFIDENTIAL BASIS. THE RECIPIENT AGREES NOT TO REPRODUCE THE DRAWING, TO RETURN IT UPON REQUEST, AND THAT NO DISCLOSURE OF THE DRAWING OR THE INFORMATION SHOWN HEREON WILL BE MADE TO A THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT FROM AMETEK / PANALARM.	PANALARM, 1725 WESTERN DRIVE, WEST CHICAGO, IL 60185			
16	6649	01/02/02	SK	EM	DR. CJP (EM)	DATE 06/29/81	CH. RAS 06/29/81	APP. RAS 06/29/81	
15	11872	06/15/01	SK	MAL	SCALE NONE	TOLERANCES NOT SPECIFIED	DECIMAL ±.005"	FRACTIONAL ±.010"	ANGULAR ±1'
14	11387	02/24/94	SK	AD	DRAWING NAME DIMENSIONAL OUTLINE AND SPECIFICATIONS SERIES 90 REMOTE POWER SUPPLY	PART NO. 90100-P2-1	REV. 16		
13	10417-02	10/29/91	SK	JE					