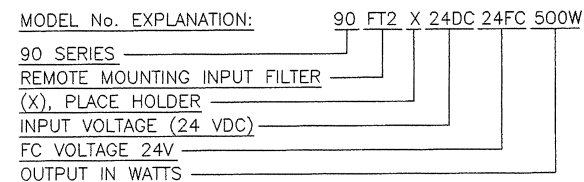


MODEL NUMBER	WATTAGE	INPUT VOLTAGE		CURRENT (A) MAX	+24 OUTPUT VOLTAGE (DC)		CURRENT (A)	FC OUTPUT VOLTAGE (DC)		CURRENT (MA) NOM	FUSES	
		NOM	MAX		NOM	MAX		NOM	MAX		F1 INPUT	F2 FC
90FT2X24DC24FC500W	450	24	32	20A	25.5	28.9	19	24	32	1000	20A	1A

**NOTES:**

- THE 90FT2X\*DC\*FC500W WEIGHS 2.3 kg (5 lbs)
- OPERATING TEMPERATURE 0°C TO 50°C.
- INPUT REVERSED POLARITY PROTECTED.
- EACH "OV" AND "+24" ANNUNCIATOR POWER INPUT TERMINAL MUST BE INDIVIDUALLY WIRED TO THE FILTER "OV" AND "+24" OUTPUT TERMINALS. IF THERE ARE INSUFFICIENT "OV" AND "+24" FILTER 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.
- MAX. DC INPUT RIPPLE SHALL NOT EXCEED 20%.
- MAX. OUTPUT CURRENT IS THE TOTAL OF LOGIC CURRENT PLUS FC CURRENT AND IS NOT TO EXCEED 20 AMP.
- VOLTAGE TO FIELD CONTACTS (FC) IS NOT ISOLATED FROM SYSTEM SUPPLY (+24) BUT IS FUSED SEPARATELY.



REV	ECN NO.	BY	APPD	DATE	MATERIAL:
00	6780-21	MR	JWK	02/08/83	FINISH:
01	6780-34	PR	JWK	04/12/83	USED ON/REF. DWG
02	8700-53	RSP	PG	07/05/83	90FT*
03	8984-12	TA	RCV	11/20/84	90800-FT2-1
04	10593-01	SK	JE	03/20/91	90FT*
05	11872	SK	MAZ	6/15/01	

TOL UNLESS SPECIFIED

INCHES  
 .X = .015  
 .XX = .010  
 .XXX = .005

MILLIMETERS  
 X.0 = 1.0  
 0.X = 0.4  
 0.XX = 0.1

ANGLES ±0°30'

SCALE MM

NONE (INCH)

**AMETEK**

**PANALARM** 1725 WESTERN DRIVE, WEST CHICAGO, IL., 60185, U.S.A.  
 PHONE: 1-630-231-5900 FAX: 1-630-231-4502

DWN. BY MR /SK

APPD/DATE JWE 02/08/83

THIRD ANGLE PROJECTION

DIMENSIONAL OUTLINE AND SPECIFICATIONS  
 SERIES 90 REMOTE POWER FILTER

SHEET 1 OF 1 DWG. NO. 90100-FT2-1 -C-