BRIEF TECHNICAL SPECIFICATION FOR 20-25 WAY MICRO CONTROLLER BASED SEQUENTIAL TIMER CARD

1. ITEM	20-25 WAY Micro Controller [89s52] Based Sequential Timer Card
2. MODEL	MpS1WD-25#1
3. APPLICATION	TO PROVIDE TIMED SEQ. ENERGISATION OF PILOT SOLENOID VALVE
4. DETAIL OF CONTROLLER (PCB)	
4.1 INPUT SUPPLY	110V AC or 220V AC *, 50 or 60 Hz.
4.2 INPUT FUSE (ENCLOSED TYPE)	1 Amp. 110, 220V AC, (GLASS 20mm)
4.3 ON TIME	20 TO 200 MILLISECONDS
4.4 OFF TIME	2 TO 60 SECONDS.
4.5 NUMBER OF SEQ. STEPS	1 TO 25 ADJ. through Flying Lead
4.6 TEMP. RANGE OPERATION	0 TO 55o C
4.7 CURRENT RATING PER SEQ.:	
a) MAXIMUM INRUSH CURRENT	10 Amps.
b) MAX. CONTINUOUS CURRENT	2 Amps. (1", 2 Nos. (Max. of Solenoid Valves per channel **)
4.8 MAINS ISOLATION SWITCH	PROVIDED ON PCB
4.9 ON DEMAND CONTROL (PRESSURE SW. CONTACT)	PR. SW. TERMINALS (P1, P2) SEQUENCE CONTROLLER STOPS WHEN CONTACT AT PR.SW. OPENS. (PR. LED GLOWS, & CLOCK LED STEADY ON) SEQ. CONTINUES FROM POINT WHERE IT HAD STOPPED, WHEN CONTACT RE-CLOSES.
4.10 LED VISUAL INDICATIONS:	
a) POWER ON INDICATION	1 No. LED (5mm - RED COLOR)
b) OUTPUT ON INDICATION	20-25 Nos. LED (5mm - RED COLOR)
C) ON DEMAND MODE	1No. LED (5mm - RED COLOR)
d) MANUAL PULSING	1No. LED (5mm - RED COLOR)
5. MANUAL PULSING	FACILITY PROVIDED (P.B. SW.)
6. FEED BACK RELAY	POTENTIAL FREE CONTACT, 5A @230 V AC
7. PCB DETAILS:	SINGLE SIDE, GREEN MASKED, IDENT, WITH ANTI CORROSIVE LOCTITE SPRAY COATING.
a) P.C.B. DIMENSIONS	275 (L) x 215mm (W)
b) P.C.B. MOUNTING SIZE	265(L) x 205(W) mm (MOUNTING HOLES 4 Nos. 4mm)
c) UL	APPROVAL 94V-0SL1
8. ENCLOSURE DETAILS **(Optional Extra)**	TYPE- IP-55, SIEMENS GREY POWDER COATED (MOC: M.S. CRCA 1.6 Thk.) WALL MOUNTED. OR PLOYCARBOTE TRANSPARENT LID 400 x 300 x 200 MM.. XCB 4320
9. TEST CERTIFICATE	ONE COPY WITH EACH CONTROLLER
10. MAKE	X'CALIBUR AUTOMATION, PUNE-30

Note : * Supplied as 110V AC only or 220V AC only.
** Only Solenoid Makes of X'CALIBUR, ASCO, GOYEN CONTROLS, MECAIR AND AVCON must be used which are pulse duty Bag Filter application Solenoids.

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