

PRODUCT SPECIFICATIONS-ELECTRICAL

STAGE	CHARACTERISTICS	UNITS	SPECIFICATION VALUE
I N P U T	INPUT VOLTAGE RANGE	VDC	3.5-32
	MAX.PICKUP VOLTAGE	VDC	3.5
	MIN. DROP OUT VOLTAGE	VDC	1.0
	TYPICAL INPUT CURRENT @ RATED VOLTAGE	mA	25.0
	LED INDICATION	---	YES
O U T P U T	LOAD VOLTAGE RANGE	VDC	48-400
	RATED LOAD CURRENT I	Amps	10.0
	MIN. LOAD CURRENT TO MAINTAIN 'ON'	mA	250
	CRITICAL RATE OF RISE OF OFF STATE VOLTAGE dv/dt max	V/μs	500
	NON REPETITIVE SURGE CURRENT (PULSED)	Amps	70.0
	SUGGESTED EXTERNAL HEATSINK	°C/W	0.35
	TYPICAL ONSTATE VOLTAGE DROP ACROSS RELAY OUTPUT @ RATED CURRENT V _{tm}	VDC	1.6
	THEMAL RESISTANCE JUNCTION TO CASE	°C/W	0.57
	MAX OFFSTATE LEAKAGE CURRENT AT RATED VOLTAGE	μA	10.0
	TURN ON TIME	μs	600
	TURN OFF TIME	μs	2.6
	DIELECTRIC STRENGTH V _{iso} 1) BETWEEN I/P &O/P TERMINAL 2) BETWEEN TERMINAL & CHASIS	VAC VAC	2500 1500
	OPERATING TEMP RANGE	°C	-30 TO +80
	STORAGE TEMP RANGE	°C	-30 TO +100

ALL LOCALLY BOUGHT OUT MATERIALS ACCEPTANCE IS SUBJECTED TO ERI QA APPROVAL

				CUSTOMER:		NAME	DATE
				 ELECTRONIC RELAYS (INDIA) PVT. LTD., BANGALORE.	PREPARED BY	Subramanya	
					CHECKED BY		
					APPROVED BY		
					E.C.N NO : 080001000008		
					DOCUMENT NO:		
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