

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECO	21AUG2020	VR	TN

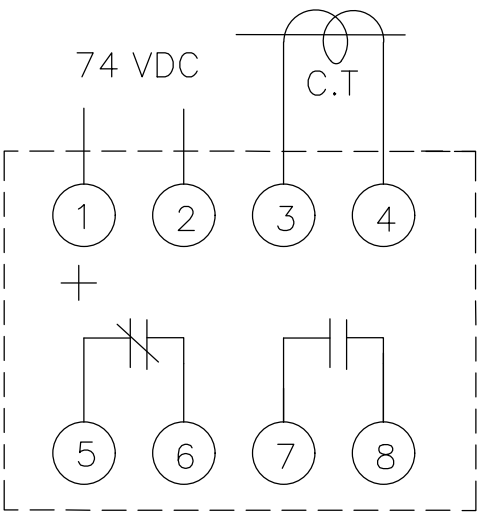
SPECIFICATION 21-914

1. LINE CURRENT : 0-5 AMPS AC, SINGLE PHASE, 50-400 HZ
DIRECT OR FROM C.T.
2. CONTROL VOLTAGE : 74VDC ± 15%
3. OPERATION : THE SELF CONTAINED OUTPUT RELAY ACTUATES
WHEN THE LINE CURRENT EXCEEDS THE PRESET VALUE.
4. TRIP POINT : SCREWDRIVER ADJUSTABLE, 1.0 TO 5.0 AMPS.
5. PICK-UP TO DROP-OUT DIFFERENTIAL : 0.1 AMP APPROX.
6. OVERCURRENT ALLOWANCE : MAXIMUM 500% FOR .25 SECONDS.
7. SURGE WITHSTAND CAPABILITY : IN COMPLIANCE WITH THE REQUIREMENTS
OF ANSI/IEEE C37.90A.
8. OPERATING TEMPERATURE : -40°C TO +70°C.
9. TEMPERATURE DRIFT (TRIP POINT) : ± .05%/°C
10. BURDEN : CURRENT INPUT : 1.2VA
CONTROL VOLTAGE : 2.5VA
11. OUTPUT CONTACTS : ONE SET NORMALLY OPEN
ONE SET NORMALLY CLOSED
RATED 100 MILLIAMPS. AT 74VDC.
12. CONSTRUCTION : SOLID STATE SENSOR WITH RELAY OUTPUT
ENCLOSED IN A SEALED STEEL CAN, SUITABLE
FOR RAILROAD APPLICATION.

NOTES:

1. REMOVE BLACK SCREW FOR ACCESS TO THE PICK-UP ADJUSTMENT.
2. CLOCKWISE ROTATION OF THE PICK-UP ADJUSTMENT WILL RAISE
THE CURRENT TRIP POINT.

CONNECTION



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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN VR	21AUG2020	TE Connectivity		
		CHK RS	21AUG2020			
		APVD TN	21AUG2020	NAME		
		PRODUCT SPEC		OVER CURRENT RELAY		
		APPLICATION SPEC				
				SIZE	CAGE CODE	DRAWING NO
				A3	18741	C-1100-42X
				RESTRICTED TO		
				—		
CUSTOMER DRAWING		SCALE		NTS	SHEET	1 OF 1
				REV		
				B		

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