


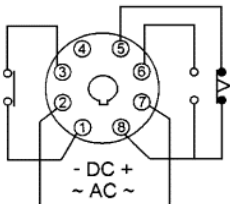
START-DELAY TIMER

Classification		Model No.	TRD-N
Appearance			
Dimensions		FIG 4	
Surface mounting		SOCKET BASE 8PFA	
Features		Special for Star-Delta motor starting circuit. Time interval (standard: 0.2 sec) when star connection transfers to delta connection.	
Output Capacity 7A		1A1C (1 instantaneous contact + 1 delay contact) Time-limit contact : SPST-N/O (delta circuit) , SPST-N/C (star circuit) Instantaneous contact : SPST-N/O (Maintenance circuit)	
Star-delta change time		Standard : 0.2SEC 0.1~0.6SEC(UPON CUSTOMER'S REQUEST)	
Time range		standard : 30 SEC, 60 SEC	
Rated Voltage		50/60HZ 24VAC/DC, 110VAC, 220VAC, 380VAC, 415VAC, 440VAC (Range : 85% ~110%)	
LIFE	Mechanical	10,000,000 Times	
	Electrical AC220VPF=1	500,000 Times	
ACCURACY	Repeat	+/- 0.2% Max	
	Setting	+/- 5% Max	
	Voltage	+/- 0.5% Max	
	Temperature	+/- 2% Max	
Reset time		0.1 Sec Max	
Ambient temp. & Humidity		-10~55Deg.C , 85% Max	

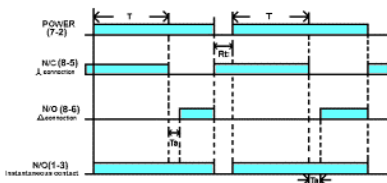
CONNECTOR DIAGRAM & TIMING CHART

ORDERING CODE

OUTPUT:
INSTANTANEOUS CONTACT
+ DELAY CONTACT 1C



T = Setting time of star connection
Rt = Reset time
Ta: Star-delta transfer time (standard interval : 0.2 S)
0.1S ~ 0.6S (customer's request)



R D **N** **1** **05**

N: 62*50mm size

Rated Voltage
1: 110VAC
2: 220VAC
3: 380VAC
4: 440VAC
5: 24VAC/DC

Time range
05:30Sec
06:60Sec