robusTa - Accessories

Auxilliary Contacts, Time Delay Blocks, Mechanical Latching Blocks

Instantaneous Time Delay Contact Characteristics

Туре		UNIT	TA1D	TA2D	TA3D	TA8D
Number of contacts			2 or 4	2	2	2
Rated operational Voltage (Ue)	Upto	V		660		
Rated Insulation Voltage (Ui)	Conforming to IEC 60947-1	V		690		
	Conforming to CSA C22-2 No. 14	V	6 00	-	-	-
Rated Thermal current (Ith)	For ambient temperature <40°C	А	10			
Frequency of operational current		Hz	25400			
Minimum switching capacity	U min	V	17			
	l min	mA		5	5	
Short time rating	Permissible for 1s	А	100			
	500ms	A		12	20	
	100 ms	А	140			
Insulation resistance		MΩ >10				
Time Delay	Ambient air temperature for operation°C -40+70					
(TA2D & TA3D contact blocks)	Repeat accuracy		-	± 5%	± 5%	
Accuracy only valid for setting range	Drift upto 0.5 million operating cycles			+ 15%	+ 15%	
indicated on the front face	Drift depending on ambient air temp.	-		0.25% per°C	0.25% per °C	-
Mechanical Life	In millions of operating cycles		30	5	5	30



TA1-DN22



TA8-DN11



TA1-DN20



TA2-DT2

Standard, instantaneous auxilliary contact blocks

No. of Contacts	Contacts		Snap-On	Catalog Number	
	NO	NC	Mounting		
	2	2		TA1DN22	
4	1	3		TA1DN13	
	4	0	To the front of TC1D09~D95 LC1F115A~800A TP1D09~D80 TP1-DC09/12/25 TCA2DN/TCA3DN	TA1DN40	
	0	4		TA1DN04	
	3	1		TA1DN31	
	1	1		TA1DN11	
2	2	0		TA1DN20	
_	0	2		TA1DN02	
1	1	0	To the front of TC1D09~D95	TA1DN10	
	0	1	TP1D09~D80 TP1DC09/12/25	TA1DN01	
2	1	1	To the side of TC1D09~D95	TA8DN11	
	2	0	TP1D09~D80 TP1DC09/12/25 TCA2DN / TCA3DN	TA8DN20	

Pneumatic Timer Block (Front Mounted)

Description	Contacts		Range	Catalog Number
	NO	NC		
ON Delay	1	1	0.1 3s	TA2-DT0
ON Delay	1	1	0.1 30s	TA2-DT2
ON Delay	1	1	10 180s	TA2-DT4
OFF Delay	1	1	0.1 3s	TA3-DR0
OFF Delay	1	1	0.1 30s	TA3-DR2
OFF Delay	1	1	10 180s	TA3-DR4
On Delay	1	1	1 30s*	TA2-DS2

* With switching time of 40msec + 15 msec between the opening of NC contact to the closing of NO contact (for Star Delta application)