

Type TNL

4 Pole & 8 Pole



TNL22E

4 Pole, 1 stack

Number of contacts					Weight	Catalog number	
1st stack		2nd stack					
N.O.	N.C.	N.O.	N.C.				
2	2	–	–	0.540	TNL22E-Δ		
3	1	–	–	0.540	TNL31E-Δ		
4	–	–	–	0.540	TNL40E-Δ		

8 Pole, 2 stack

Number of contacts				Weight	Catalog number	
1st stack		2nd stack				
N.O.	N.C.	N.O.	N.C.			
4	–	–	4	0.600	TNL44E-Δ	
4	–	2	2	0.600	TNL62E-Δ	

Δ - Substitute the Δ for the coil voltage code. See the Type TNL Coil voltage Selection chart beneath the photos.

Coil characteristics

No extra tolerances applicable to the U_c min. ... max. values quoted in the Coil voltage selection table

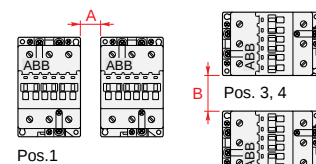
- Coil consumption at U_c max. $\varphi = 20^\circ\text{C}$: 9 W pull-in/holding
- Replacement coils: consult us (standard coils used on NL control relays are not suitable for TNL control relays).

Coil voltage selection

Min.	U_c	Max	Voltage
17	–	32	51
24	–	45	52
36	–	65	54
42	–	78	58
50	–	90	55
77	–	143	62
90	–	150	66
152	–	264	68

Mounting distance – for coil operating limits U_c min. ... U_c max.

A mm	B mm	Ambient temp. $^\circ\text{C}$	Max. switching frequency Operating cycles/h
2	20	≤ 20	1200
5	20	≤ 55	1200



Add-on accessories

Control relays	Max. number of auxiliary contact blocks						Timer TP	Mechanical interlock	Label marker
	CA5-10	CA5-01	CA5-40	CA5-31	CA5-22	CA5-04			
Pos. 1, 3 or 4 TNL 40-E	4	2	1	1	1	–	–	VBC 30	BA 5-50
Pos. 1, 3 or 4 TNL 31-E	4	1	1	1	–	–	–	VBC 30	BA 5-50
Pos. 1, 3 or 4 TNL 22-E	4	–	1	–	–	–	–	VBC 30	BA 5-50
Pos. 1 $\pm 30^\circ$ TNL - all types	–	–	–	–	–	–	–	VBC 30	BA 5-50

Mounting positions

