

TeSys N Contactors and Starters

Combining NEMA Robustness and IEC Compactness

Schneider Electric is a worldwide leader in motor control and protection. And the latest addition to the TeSys family is TeSys N contactors and starters for NEMA applications.



TeSys™ N is based on the world's best-selling line of contactors and starters, TeSys D and TeSys F. TeSys N offers high reliability with long mechanical and electrical life, and the most complete line of accessories in the industry. And for the first time, Schneider Electric™ is offering a DC control voltage (24 Vdc) in NEMA® contactors or starters.

TeSys N contactors and starters conform to NEMA ICS2 standards, and the NEMA size is printed directly on the face of the contactor.

Flexibility

- High density thanks to compact, space-saving design
- Contactors Size 00 – 2 are DIN rail and panel mountable
- Common accessories across TeSys range to maximize convenience and reduce inventory
- Replaceable coils require no tools for easy installation

Safety Standards

- UL® Listed, CSA Certified, and CE marked
- Contactors Size 00 – 2 offer IP 2X finger-safe terminals
- Reversing contactors and starters electrically and mechanically interlocked

Simplicity

- Class 10/20 selectable Motor Logic solid state overload relays on all starters
- Starters pre-mounted on a baseplate with busbar interconnection for quick, simple installation
- Contactors Size 00 – 2 accept standard TeSys bimetallic overload relays
- Snap-on front and side-mount accessories for easy installation

Robustness

- NEMA size printed on face for easy identification
- Arc splitters on Size 3 and larger for longer contact life
- Replaceable contacts on Size 3 and larger contactors reduce overall costs



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Contactors Size 00 - 2

Contactors Size 00 – 2 are a compact design that is DIN rail and panel mountable. Size 00 – 1 are 45 mm wide and Size 2 is 55 mm wide. All offer tool-less coil replacement and come standard with 1 N.O. and 1 N.C. auxiliary contact.

Starters with solid state overload relays

Starters are pre-mounted on a baseplate with busbar interconnection for quick, simple installation. Starters utilize Motor Logic solid state overload relays that are Class 10/20 selectable and offer a wide 3:1 current adjustment range.

Starters with bimetallic overload relays



Bimetal starters can be assembled from TeSys N contactors and TeSys bimetal overload relays for Sizes 00 – 2. They offer a compact, space-saving design that can be DIN rail or panel mounted. Direct mounting between the contactor and overload relay saves installation time and requires no wiring.

Bimetal overload relays are available in Class 10 and Class 20 design, with and without single-phase sensitivity.

Contactors Size 3 – 7

Contactors Size 3 – 7 feature arc splitters that increase contact life. Replaceable coils slide in to the base of the contactor and come standard with 1 N.O. coil interlock contact. Contacts can be easily replaced by removing the contactor cover.



For more information,

visit www.schneider-electric.com/us or call 1-888-778-2733.

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TeSys N Contactors and Starters, 3-Pole Polyphase, 600 Vac Max. (No enclosure)

NEMA Size	Continuous Current Rating (A)	Motor Voltage	Max HP	Catalog #	
				Contactors	Starters
00	9	200	1 ½	T02AN13*	T36AN13*
		230	1 ½		
		460	2		
		575	2		
0	18	200	3	T02BN13*	T36BN13*
		230	3		
		460	5		
		575	5		
1	27	200	7 ½	T02CN13*	T36CN13*
		230	7 ½		
		460	10		
		575	10		
2	45	200	10	T02DN13*	T36DN13*
		230	15		
		460	25		
		575	25		
3	90	200	25	T02EN13*	T36EN13*
		230	30		
		460	50		
		575	50		
4	135	200	40	T02FN13*	T36FN13*
		230	50		
		460	100		
		575	100		
5	270	200	75	T02GN13*	T36GN13*
		230	100		
		460	200		
		575	200		
6	540	200	150	T02HN13*	T36HN13*
		230	200		
		460	400		
		575	400		
7	810	200	-	T02JN13*	T36JN13*
		230	300		
		460	600		
		575	600		

* Coil voltage must be specified to order this product. For example, T02AN13BD.

To order reversing contactors and starters, replace the "1" with a "2" in the catalog number. For example, T02AN13BD becomes T02AN23BD.

TeSys N Coil Voltage Codes

Voltage	Voltage Code by NEMA Size									
	Size 00	Size 0	Size 1	Size 2	Size 3	Size 4	Size 5	Size 6	Size 7	
24 Vac	B7	B7	B7	B7	B6	B6	n/a			
24 Vdc	BD	BD	BD	BD	BD	BD	n/a			
120 Vac	G7	G7	G7	G7	G6	G6	G7	F7	F7	
208 Vac	LE7	LE7	LE7	LE7	L6	L6	L7	L7	L7	
240 Vac	U7	U7	U7	U7	U6	U6	U7	U7	U7	
480 Vac	T7	T7	T7	T7	Q5	Q5	S7	N7	N7	



See the TeSys N 3D Interactive Model

Scan this QR code with your smartphone to download the iTunes® app and explore the TeSys N 3D Interactive model.