

TeSys N Contactors and Starters

Combining NEMA Robustness and IEC Compactness

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. Also, for the first time, Schneider Electric™ is offering a DC control voltage (24 Vdc) in NEMA® contactors and 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 TeSys bimetallic overload relays as well as LR9D solid state overload relays
- Contactors Size 3-7 accept LR9F solid state overload relays
- Snap-on front and side-mount accessories for easy installation

Robustness

- High fault short circuit ratings up to 65kA with circuit breakers and up to 100kA with fuses
- 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.

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.

Build your own starters



TeSys N starters can be assembled with electronic or bimetallic overload relays. For electronic overload relays, use TeSys LR9D for Sizes 00-2 and TeSys LR9F for Sizes 3-7. For bimetallic overload relays, use TeSys LRD for Sizes 00-2. These starters 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.



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.



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 #		
				TeSys N Contactors*	TeSys LR9 Overload Relays	Pre-assembled Starters with Motor Logic*
00	9	200	1 ½	T02AN13	LR9D01, LR9D02, LR9D08, LR9D32	T36AN13
		230	1 ½			
		460	2			
		575	2			
0	18	200	3	T02BN13	LR9D32	T36BN13
		230	3			
		460	5			
		575	5			
1	27	200	7 ½	T02CN13	LR9D32	T36CN13
		230	7 ½			
		460	10			
		575	10			
2	45	200	10	T02DN13	LR9D110S	T36DN13
		230	15			
		460	25			
		575	25			
3	90	200	25	T02EN13	LR9D110S, LR9F53, LR9F63, LR9F67	T36EN13
		230	30			
		460	50			
		575	50			
4	135	200	40	T02FN13	LR9F69	T36FN13
		230	50			
		460	100			
		575	100			
5	270	200	75	T02GN13	LR9F71, LR9F75	T36GN13
		230	100			
		460	200			
		575	200			
6	540	200	150	T02HN13	LR9F75, LR9F79, LR9F81	T36HN13
		230	200			
		460	400			
		575	400			
7	810	200	-	T02JN13	LR9F981	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	G7	G7	G7	F7	F7	
208 Vac	LE7	LE7	LE7	LE7	L7	L7	L7	L7	L7	
240 Vac	U7	U7	U7	U7	U7	U7	U7	U7	U7	
480 Vac	T7	T7	T7	T7	S7	S7	S7	N7	N7	