

TeSys™ D Green Contactors

Extension to the TeSys D family offering large-range AC/DC coils with very low consumption

TeSys D Green contactors apply the latest technology to expand the coil voltage range while significantly reducing coil consumption. Available from 9 to 65 amps with only 4 coil voltage ranges from 24 to 500 V AC or DC.

Features & Benefits

Low control amps > Lower permanent consumption

Reduced coil power (just 0.5 W / 24 V DC for the BBE coil) contributes to increased machine energy efficiency.

Low control current > Direct PLC control

TeSys D Green contactors (with BBE coil code) can be driven by a common 24 V DC / 500 mA static output, eliminating the need for an interposing relay.

Large coil voltage range > Reliable operation

With the expansive voltage range, contactor operation is less susceptible to under voltage, over voltage, and voltage sag.

Large coil voltage range > Reduced inventory / spares

Fewer part numbers are needed to cover the commonly used control voltages, reducing the number of part numbers to carry for new or replacement needs.

Coil monitoring / control > Reduced contact bounce

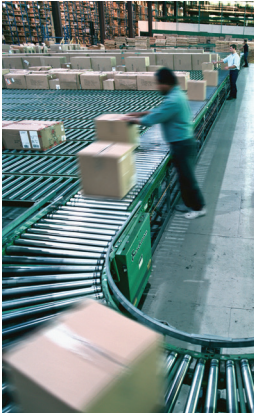
TeSys D Green contactors prevent microbreaks due to machine shocks and vibrations, increasing the reliability and performance of the machine.



schneider-electric.ca

Life Is On

Schneider
Electric



Applications

Large Coil Voltage Range

- Pumping & Irrigation
- HVAC
- Agriculture
- Commercial Machinery
- Contractors/ Servicing
- Semiconductor

Low Coil Consumption

- Material Handling
- System Integrators
-

Contactors

Standard power ratings of motors 50/60 Hz						Associated cable type 75 °C-Cu	Continuous current	Catalog Number ⁽¹⁾
Single-phase 1 Ø		3-phase 3 Ø						
115 V	230 V 240 V	200 V 208 V	230 V 240 V	460 V 480 V	575 V 600 V			
HP	HP	HP	HP	HP	HP		A	

Connection by screw clamp terminals

1/3	1	2	2	5	7.5	AWG 18 - 10	25	LC1D09...
0.5	2	3	3	7.5	10	AWG 18 - 10	25	LC1D12...
1	3	5	5	10	15	AWG 18 - 8	32	LC1D18...
2	3	7.5	7.5	15	20	AWG 14 - 6	40	LC1D25...
2	5	10	10	20	25	AWG 14 - 6	50	LC1D32...
2	5	10	10	20	25	AWG 14 - 6	50	LC1D38...

Power connections by EverLink® and control by screw terminals

3	5	10	10	30	30	AWG 16 - 2	60	LC1D40A...
3	7.5	15	15	40	40	AWG 16 - 2	70	LC1D50A...
5	10	20	20	40	50	AWG 16 - 2	80	LC1D65A...

Control voltage codes

AC/DC supply

Volts	24 (DC only)	24-60	48-130	100-250	250 V - 415 V AC / 250 V - 500 V DC
-------	--------------	-------	--------	---------	--

LC1D09 ... D65A

U 0.85 ... 1.1 Uc	BNE	EHE	KUE	USE ⁽²⁾
-------------------	-----	-----	-----	--------------------

LC1D40A ... D65A

U 0.8...1.2 Uc	BBE			
----------------	-----	--	--	--

⁽¹⁾ Complete catalog number by adding coil voltage code (for example, LC1D40AKUE)
⁽²⁾ Available end of 2017

Schneider Electric Canada, Inc.

5985 McLaughlin Rd.
 Mississauga ON, L5R 1B8
 1-800-565-6699

March, 2017

Document Number **8502HO1702EP-R0**

©2017 Schneider Electric. All Rights Reserved. Schneider Electric, Life Is On, Schneider Electric and TeSys are trademarks and the property of Schneider Electric SE, its subsidiaries and affiliated companies. All other trademarks are the property of their respective owners.

Life Is On

