

IEC Contactors and Overload Relays

Dayton

CONTACTORS

- 3-yr. warranty
 - DIN rail or panel mount
- For industrial motor control. Mechanical life: 10 million cycles. 3-pole contactors should be paired with overload relays. 9 to 32A 3-pole contactors have 1NO auxiliary contact. 40 to 95A 3-pole contactors have 1NO/1NC auxiliary contacts. UL and C-UL Listed.

OVERLOAD RELAYS

- Bimetallic
- For 3-phase applications

- Compatible with Dayton IEC contactors

Feature continuously readjustable current settings. Have temperature compensation, tripped indicator, test button, stop button, manual and automatic reset button, finger-safe terminals, and 1NO/1NC contacts. UL and C-UL Listed.

AUXILIARY CONTACT BLOCKS

- Front mount
- Compatible with Dayton IEC contactors

Allow for additional indicator lights, signals, or alarms.

TIME DELAY AUXILIARY CONTACT BLOCKS

- Front mount
- Compatible with Dayton IEC contactors

Timer combines with a contactor to create a time delay contactor.

REPLACEMENT COILS

- 60 Hz
- Compatible with Dayton IEC contactors

Coil can be changed without replacing the entire block.

Key	Full Load Amps (Inductive)	Aux. Contact Config.	CHOOSE: w/coil Volts	HP @ 3-Phase 240V	HP @ 3-Phase 480V	NONREVERSING Item No.	REVERSING Item No.
3-Pole IEC Magnetic Contactor							
A	9 A	1NO	24 V AC, 120 V AC, 240 V AC	2 hp	5 hp	H2449	—
A	9 A	1NO	24 V AC, 24 V DC, 120 V AC, 240 V AC	2 hp	5 hp	—	H2459
B	12 A	1NO	24 V AC, 120 V AC, 240 V AC	3 hp	7 1/2 hp	H2450	—
B	12 A	1NO	24 V AC, 24 V DC, 120 V AC, 240 V AC	3 hp	7 1/2 hp	—	H2460
C	18 A	1NO	24 V AC, 120 V AC, 240 V AC	5 hp	10 hp	H2451	—
C	18 A	1NO	24 V AC, 24 V DC, 120 V AC, 240 V AC	5 hp	10 hp	—	H2461
D	25 A	1NO	24 V AC, 120 V AC, 240 V AC	7 1/2 hp	15 hp	H2452	—
D	25 A	1NO	24 V AC, 24 V DC, 120 V AC, 240 V AC	7 1/2 hp	15 hp	—	H2462
E	32 A	1NO	24 V AC, 120 V AC, 240 V AC	10 hp	20 hp	H2453	—
F	40 A	1NO/1NC	24 V AC, 120 V AC	10 hp	30 hp	H2454	—
F	32 A	1NO/1NC	24 V DC, 240 V AC	10 hp	30 hp	H2454	—
G	50 A	1NO/1NC	—	15 hp	40 hp	H2455	—
H	65 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 240 V AC	20 hp	50 hp	H2456	—
J	80 A	1NO/1NC	—	25 hp	60 hp	H2457	—
K	95 A	1NO/1NC	—	25 hp	60 hp	H2458	—
4-Pole (2NO/2NC) IEC Magnetic Contactor							
A	9 A	—	—	—	—	H2463	—
B	12 A	—	—	—	—	H2464	—
D	25 A	—	24 V AC, 24 V DC, 120 V AC, 240 V AC	—	—	H2465	—
F	40 A	—	—	—	—	H2466	—
G	50 A	—	—	—	—	H2467	—

Key	Full Load Amps (Inductive)	Aux. Contact Config.	CHOOSE: Coil Volts	HP @ 3-Phase 240V	HP @ 3-Phase 480V	NONREVERSING Item No.	REVERSING Item No.
3-Pole IEC Magnetic Contactor							
A	9 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC	2 hp	5 hp	G3478	—
A	9 A	1NO/1NC	24 V AC, 24 V DC, 115 V AC, 120 V AC, 240 V AC, 480 V AC	2 hp	5 hp	—	G3486
B	12 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC	3 hp	7 1/2 hp	G3479	—
B	12 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 240 V AC, 480 V AC	3 hp	7 1/2 hp	—	G3487 *
C	18 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC	5 hp	10 hp	G3480	G3488
D	25 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC	7 1/2 hp	15 hp	G3481	—
D	25 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 240 V AC, 480 V AC	7 1/2 hp	15 hp	—	G3489 *
E	32 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC	10 hp	20 hp	G3482	—
E	32 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 240 V AC	10 hp	20 hp	—	G3490 *
E	32	1NO/1NC	480V AC	10	20	G3490 *	—
F	40 A	1NO/1NC	—	10 hp	30 hp	G3475	—
G	50 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 200 V AC, 240 V AC, 480 V AC	15 hp	40 hp	G3476	—
H	65 A	1NO/1NC	—	20 hp	40 hp	G3477	—
J	80 A	1NO/1NC	—	30 hp	60 hp	G3483	—
K	115 A	1NO/1NC	24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC	40 hp	75 hp	G3484	—
L	150 A	1NO/1NC	—	50 hp	100 hp	G3485	—

Works with Key	Current Range	Mfr. Model	Item No.	Works with Key	Current Range	Mfr. Model	Item No.	Works with Key	Current Range	Mfr. Model	Item No.
IEC Style Overload Relay											
A to E	0.10 to 0.16A	LRD01	3EA37	A to E	4.00 to 6.00A	LRD10	3EA45	F to H	30.0 to 40.0A	LRD340	6KYC6
A to E	0.16 to 0.25A	LRD02	3EA38	A to E	5.50 to 8.00A	LRD12	3EA46	G to H	37.0 to 50.0A	LRD350	6KYC7
A to E	0.25 to 0.40A	LRD03	3EA39	A to E	7.00 to 10.0A	LRD14	3DY99	H	48.0 to 65.0A	LRD365	6KYC8
A to E	0.40 to 0.63A	LRD04	3EA40	B to E	9.00 to 13.0A	LRD16	3EA10	J	55.0 to 80.0A	LRD3361	3DE30
A to E	0.63 to 1.00A	LRD05	3EA41	C to E	12.0 to 18.0A	LRD21	3EA11	J	63.0 to 80.0A	LRD3363	3DE31
A to E	1.00 to 1.60A	LRD06	3EA42	D E	16.0 to 24.0A	LRD22	3EA12	K,L	80.0 to 104A	LRD4365	2MMY1
A to E	1.60 to 2.50A	LRD07	3EA43	E	23.0 to 32.0A	LRD32	3EA13	K,L	95.0 to 120A	LRD4367	2MMY2
A to E	2.50 to 4.00A	LRD08	3EA44	F to H	23.0 to 32.0A	LRD332	6KYC5				

For Use With				Mfr. Model	Item No.
Square Series D, K, and F Overload Relays:LR3D01 to D35 and LRD01 to 35				LAD7B106	2UWY3
Overload Relay Mounting Kit					
Square D Overload Relay Series LRD3, LR3D3 and LR2D35				LA7D3064	2UWY4

Works with Key	No. of NO Aux. Contacts	No. of NC Aux. Contacts	Mfr. Model	Item No.	Works with Key	No. of NO Aux. Contacts	No. of NC Aux. Contacts	Mfr. Model	Item No.
Auxiliary Contact Blocks, Front Mounting									
All	2	2	LADN22	3DB62	All	2	0	LADN20	3DB60
All	1	3	LADN13	3DB63	All	0	2	LADN02	3DB61
All	4	0	LADN40	3DB64	All	1	0	LADN10	3DB57
All	0	4	LADN04	3DB65	All	0	1	LADN01	3DB58
Auxiliary Contact Blocks, Side Mounting, 1 Max. 9-32A, 2 Max. 40-80A									
All	3	1	LADN31	3DB66	All (AC Coils Only)	1	1	LAD8N11	3DB68
All	1	1	LADN11	3DB59	All (AC Coils Only)	2	0	LAD8N20	3DB69

* Not available with 208VAC coil.



3-Pole Contactor			Overload Relay			Time Delay Auxiliary Contact Block		
Works with Key	Current Range	Item No.	Works with Key	Current Range	Item No.	Works with Key	Current Range	Item No.
Overload Relays								
A to C	0.10 to 0.16A	6ECA3	A to C	9.00 to 13.0A	6ECC4			
A to C	0.16 to 0.25A	6ECA4	D,E	12.0 to 18.0A	6ECC5			
A to C	0.25 to 0.40A	6ECA5	F to K	17.0 to 25.0A	6ECC6			
A to C	0.40 to 0.63A	6ECA6	F to K	23.0 to 32.0A	6ECC7			
A to C	0.63 to 1.00A	6ECA7	D,E	28.0 to 36.0A	6ECC8			
A to C	1.00 to 1.60A	6ECA8	F to K	30.0 to 40.0A	6ECC9			
A to C	1.60 to 2.50A	6ECA9	F to K	37.0 to 50.0A	6ECC9			
A to C	2.50 to 4.00A	6ECC0	F to K	48.0 to 65.0A	6ECC0			
A to C	4.00 to 6.00A	6ECC1	F to K	55.0 to 70.0A	6ECC1			
A to C	5.50 to 8.00A	6ECC2	F to K	63.0 to 80.0A	6ECC2			
A to C	7.00 to 10.0A	6ECC3	F to K	80.0 to 93.0A	6ECC3			
Auxiliary Contact Blocks, 3 Amps @ 240VAC, 1.5 Amps @ 120VAC								
All	1	1	All	1	1	All	1	1
All	2	2	All	2	2	All	2	2
All	0	0	All	0	0	All	0	0
All	2	2	All	2	2	All	2	2
All	1	1	All	1	1	All	1	1
All	4	4	All	4	4	All	4	4
All	0	0	All	0	0	All	0	0
All	3	3	All	3	3	All	3	3
Mechanical Interlock								
A to E			A to E			A to E		
Time Delay Auxiliary Contact Blocks								
All	1	1	All	1	1	All	1	1
All	1	1	All	1	1	All	1	1
All	1	1	All	1	1	All	1	1
Enclosures								
A	NEMA 4	7.32 in	A	NEMA 4	7.32 in	A	NEMA 4	7.32 in
C	NEMA 4	7.32 in	C	NEMA 4	7.32 in	C	NEMA 4	7.32 in
D	NEMA 4	8.48 in	D	NEMA 4	8.48 in	D	NEMA 4	8.48 in
E	NEMA 4	8.48 in	E	NEMA 4	8.48 in	E	NEMA 4	8.48 in
A	NEMA 12	6.37 in	A	NEMA 12	6.37 in	A	NEMA 12	6.37 in
D	NEMA 12	7.08 in	D	NEMA 12	7.08 in	D	NEMA 12	7.08 in
Replacement Coils								
A to C			A to C			A to C		
D,E			D,E			D,E		
F to K			F to K			F to K		

Schneider Electric

G3476



TeSys IEC Contactors and Overload Relays

For industrial motor control applications, combine a contactor with an overload relay to make a complete motor starter. Rated 600VAC. Saddle clamp terminals. DIN rail- or panel-mount. UL Listed, CSA and CE Certified.

CONTACTORS

Inclined wire guides and captive screws. 60/50 Hz coil. IP20 touch-safe with removable terminal cover.

OVERLOAD RELAYS

For 3-phase applications. Bimetallic elements. Class 10 trip characteristics with 1-phase sensitivity. Ambient compensated. Adjustable current range. Lockable, sealable, manual/auto reset, test trip. Mount to underside of contactor.

Works with Key	Contacts NC	Contacts NO	Range of Time Delay	ON DELAY Mfr. Model	OFF DELAY Mfr. Model
Time Delay Auxiliary Contact Blocks, Front Mount					
All	1	1	0.10 sec to 3.00 sec	LADT0	3DB73
All	1	1	0.10 sec to 30.00 sec	LADT2	3DB74
All	1	1	10.00 sec to 180.00 sec	LADT4	3DB75
Replacement Coils					
A, B, C, D, and E					
J	3DB96	3DB97	2MMY5	3DB98	3DB99
	3DE10	3DE11	—	3DE12	2MMY4