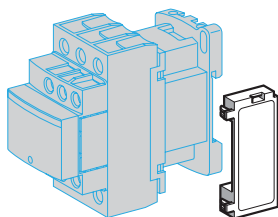
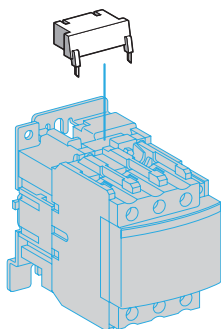


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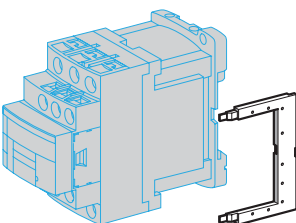
LAD 4●●

810443



LA4 D●●

510726



LAD 4DDL or LAD 4T●DL

RC circuits (Resistor-Capacitor)

- Effective protection for circuits highly sensitive to "high frequency" interference. For use only in cases where the voltage is virtually sinusoidal, i.e. less than 5% total harmonic distortion.
- Voltage limited to 3 Uc max. and oscillating frequency limited to 400 Hz max.
- Slight increase in drop-out time (1.2 to 2 times the normal time).

Mounting	For use with contactor (1)		Reference	Weight kg
	Rating	Type		
Clip-on (3)	D09...D38 (3P) DT20...DT40	24...48	—	LAD 4RCE 0.012
		50...127	—	LAD 4RCG 0.012
		110...240	—	LAD 4RCU 0.012
Screw mounting (4)	D40...D150 (3P) and D40...D115 (4P)	24...48	—	LA4 DA2E 0.018
		50...127	—	LA4 DA2G 0.018
		110...240	—	LA4 DA2U 0.018
		380...415	—	LA4 DA2N 0.018

Varistors (peak limiting)

- Protection provided by limiting the transient voltage to 2 Uc max.
- Maximum reduction of transient voltage peaks.
- Slight increase in drop-out time (1.1 to 1.5 times the normal time).

Clip-on (3)	D09...D38 (3P) (2) DT20...DT40	24...48	—	LAD 4VE 0.012
		50...127	—	LAD 4VG 0.012
		110...250	—	LAD 4VU 0.012
Screw mounting (4)	D40...D115 (3P) and D40...D115 (4P)	24...48	—	LA4 DE2E 0.018
		50...127	—	LA4 DE2G 0.018
		110...250	—	LA4 DE2U 0.018
	D40...D95 (3P) and D40...D80 (4P)	—	24...48	LA4 DE3E 0.018
		—	50...127	LA4 DE3G 0.018
		—	110...250	LA4 DE3U 0.018

Flywheel diodes

- No overvoltage or oscillating frequency.
- Increase in drop-out time (6 to 10 times the normal time).
- Polarised component.

Clip-on (5)	D09...D38 (3P) DT20...DT40	—	24...250	LAD 4DDL 0.012
Screw mounting (4)	D40...D95 (3P) D40...D80 (4P)	—	24...250	LA4 DC3U 0.018

Bidirectional peak limiting diode

- Protection provided by limiting the transient voltage to 2 Uc max.
- Maximum reduction of transient voltage peaks.

Clip-on (3) (5)	D09...D38 (3P) (2) DT20...DT40	24	—	LAD 4TB 0.012
		—	24	LAD 4TBDL 0.012
		72	—	LAD 4TS 0.012
		—	72	LAD 4TSDL 0.012
		—	125	LAD 4TGD 0.012
		—	250	LAD 4TUDL 0.012
Screw mounting (4)	D40...D95 (3P) D40...D80 (4P)	—	600	LAD 4TXDL 0.012
		24	—	LA4 DB2B 0.018
		72	—	LA4 DB2S 0.018
		—	24	LA4 DB3B 0.018
		—	72	LA4 DB3S 0.018

(1) For satisfactory protection, a suppressor module must be fitted across the coil of each contactor.

(2) From LC1 D09 to D38 and from LC1 DT20 to DT40, d.c. and low consumption 3-pole contactors are fitted with a built-in bidirectional peak limiting diode suppressor as standard. On contactors produced after 15th July 2004, this bidirectional peak limiting diode is removable and can therefore be replaced by the user. (See reference above).

If a d.c. or low consumption contactor is used without suppression, the standard suppressor should be replaced with a blanking plug (reference LAD 9DL)

(3) Clipping-on makes the electrical connection. The overall size of the contactor remains unchanged.

(4) Mounting at the top of the contactor on coil terminals A1 and A2.

(5) In order to install these accessories, the existing suppression device must first be removed.