

TeSys Control

Contactors

Product references

DPE09P7	GF1611M7	LA4DB3B	LA9D4002	LAD6K10E	LADC226
DPE12P7	GF1611U7	LA4DB3S	LA9D40961	LAD6K10F	LADN01
DPE1801P7	GF1620B7	LA4DBL	LA9D40963	LAD6K10J	LADN02
DPE18P7	GF1620F7	LA4DC1U	LA9D5017	LAD6K10K	LADN023
DPE2501P7	GF1620U7	LA4DC3U	LA9D50978	LAD6K10M	LADN026
DPE25P7	GS2AH4120F	LA4DE1E	LA9D511	LAD7X3	LADN04
DPE32B7	GV1G09	LA4DE1G	LA9D6567	LAD8N02	LADN043
DPE32P7	GV2G05	LA4DE1U	LA9D6569	LAD8N026	LADN046
GAC0511	GV2G245	LA4DE2E	LA9D65A6	LAD8N11	LADN10
GAC0521	GV2G254	LA4DE2G	LA9D65A69	LAD8N116	LADN11
GAC0531	GV2G272	LA4DE2U	LA9D730	LAD8N11G	LADN11R
GAC5	GV2G345	LA4DE3E	LA9D8002	LAD8N20	LADN113
GAP21	GV2G354	LA4DE3U	LA9D8017	LAD8N206	LADN113G
GAP23	GV2G445	LA4DFB	LA9D8018	LAD90	LADN113P
GC10020M5	GV2G454	LA4DT0U	LA9D8067	LAD901	LADN116
GC10040M5	GV2G472	LA4DT2U	LA9D8069	LAD9011	LADN11G
GC1610M5	GV2G554	LA4DT4U	LA9D80691	LAD903	LADN11P
GC1611B5	GV3G264	LA4DWB	LA9D8070	LAD904	LADN13
GC1611F5	GV3G364	LA4KA1U	LA9D8079	LAD91209	LADN133
GC1611M5	GV3S	LA4KC1B	LA9D80961	LAD91217	LADN136
GC1620B5	GY1620B5	LA4KC1E	LA9D80962	LAD91218	LADN13G
GC1620D7	GY1620M5	LA4KC2B	LA9D80963	LAD912GV	LADN13P
GC1620F5	GY2520M5	LA4KE1B	LA9D80973	LAD92560	LADN20
GC1620M5	GY2520M6	LA4KE1E	LA9D80978	LAD93217	LADN20R
GC1620M6	GY2540M5	LA4KE1FC	LA9D894	LAD93218	LADN203
GC1622F5	GY4020M5	LA4KE1UG	LA9D898	LAD96061	LADN206
GC1622M5	GY4040M5	LA4SKC1U	LA9D90	LAD96560	LADN22
GC1630M5	GY6320M5	LA4SKE1E	LA9D901	LAD96566	LADN22R
GC1640F5	GY6340M5	LA4SKE1U	LA9D92	LAD96570	LADN223
GC1640M5	LA1DX02	LA5D11550	LA9D93	LAD96575	LADN223G
GC2502B5	LA1DX11	LA5D1158031	LA9D99	LAD96580	LADN226
GC2502E5	LA1DX20	LA5D115804	LA9E01	LAD9722	LADN22G
GC2502M5	LA1DY20	LA5D150803	LA9E02	LAD9723	LADN22P
GC2504B5	LA1DZ31	LA6DK10C	LA9K0969	LAD9744	LADN22S
GC2504M5	LA1DZ40	LA6DK10J	LA9K105I	LAD9BB18	LADN31
GC2510B5	LA1KN02	LA6DK10U	LA9K105S	LAD9BB32	LADN31R
GC2510M5	LA1KN023	LA6DK20B	LA9KNS35	LAD9DL3	LADN313
GC2511M5	LA1KN02M	LA6DK20E	LAD21	LAD9ET1	LADN313G
GC2520B5	LA1KN04	LA6DK20F	LAD22	LAD9ET1S	LADN316
GC2520F6	LA1KN043	LA6DK20J	LAD4BB	LAD9ET2	LADN31G
GC2520J5	LA1KN11	LA6DK20M	LAD4BB3	LAD9ET3S	LADN31P
GC2520M5	LA1KN113	LA6DK20Q	LAD4BBVE	LAD9ET4	LADN40
GC2520M6	LA1KN11M	LA7D902	LAD4BBVG	LAD9ET4S	LADN40R
GC2522B5	LA1KN13	LA9D0921	LAD4BBVU	LAD9P3	LADN403
GC2522M5	LA1KN133	LA9D09976	LAD4CM	LAD9P32	LADN403G
GC2530F5	LA1KN20	LA9D09980	LAD4D3U	LAD9P33	LADN406
GC2530M5	LA1KN203	LA9D09981	LAD4DDL	LAD9R1	LADN40G
GC2530M6	LA1KN207	LA9D11502	LAD4RC3E	LAD9R11	LADR0
GC2531M5	LA1KN22	LA9D11517	LAD4RC3G	LAD9R1V	LADR03
GC2540E5	LA1KN223	LA9D115503	LAD4RC3N	LAD9R3	LADR06
GC2540M5	LA1KN22M	LA9D115603	LAD4RC3U	LAD9R3S	LADR2
GC2540M6	LA1KN31	LA9D115604	LAD4RCE	LAD9SD3	LADR23
GC4002M5	LA1KN313	LA9D11567	LAD4RCG	LAD9SD3S	LADR26
GC4004M5	LA1KN316	LA9D11569	LAD4RCU	LAD9V1	LADR4
GC4011M5	LA1KN317	LA9D115691	LAD4T3B	LAD9V10	LADR43
GC4020F5	LA1KN31M	LA9D115692	LAD4T3G	LAD9V11	LADR46
GC4020F6	LA1KN40	LA9D11570	LAD4T3R	LAD9V12	LADS2
GC4020M5	LA1KN403	LA9D115703	LAD4T3S	LAD9V13	LADS23
GC4020M6	LA1KN407	LA9D115704	LAD4T3U	LAD9V14	LADS26
GC4022M5	LA1SK01	LA9D11571	LAD4TB	LAD9V15	LADT0
GC4030M5	LA1SK02	LA9D1263	LAD4TBDL	LAD9V16	LADT03
GC4040M5	LA1SK11	LA9D1269	LAD4TGD	LAD9V17	LADT06
GC4040M6	LA1SK20	LA9D12974	LAD4TS	LAD9V2	LADT2
GC6302M5	LA2KT2E	LA9D15017	LAD4TSDL	LAD9V5	LADT23
GC6304B5	LA2KT2U	LA9D16906	LAD4TUDL	LAD9V6	LADT26
GC6304M5	LA4DA1E	LA9D1860	LAD4V3E	LAD9VP1	LADT4
GC6320M5	LA4DA1G	LA9D1869	LAD4V3G	LAD9VP2	LADT46
GC6330M5	LA4DA1U	LA9D2561	LAD4V3U	LAD9VP3	LADT9R1
GC6330M6	LA4DA2E	LA9D2569	LAD4VE	LAD9VP4	LADT9R1V
GC6340B5	LA4DA2G	LA9D3260	LAD4VG	LADALLEN4	LAZR90M
GC6340M5	LA4DA2N	LA9D3269	LAD4VU	LADC22	LAZR90Q
GF1611B7	LA4DA2U	LA9D32974	LAD6K10B	LADC223	LAZR91F

Contactors

This document is current.  Click on the product reference to get the most recent availability status (hyperlink to [se.com](https://www.se.com) product datasheet). If your product variant is no longer available, please consult your distributor or regional sales office.

TeSys Control

Deca Control relays

Product references



CAD50●●



CAD503●●



LADN22



LA1DY20

Control relays for connection by screw clamp terminals

Type	Number of contacts	Composition	Basic reference, to be completed by adding the control voltage code ⁽¹⁾
Instantaneous	5	5 —	CAD50●● ⁽³⁾
		3 2	CAD32●● ⁽³⁾

Control relays for connection by spring terminals

Instantaneous	5	5 —	CAD503●●
		3 2	CAD323●●

Instantaneous auxiliary contact blocks for connection by screw clamp terminals

For use in normal operating environments

Number of contacts	Maximum number per relay		Composition	Reference
	Clip-on mounting front	side		
2	1	—	1 1	LADN11
	—	1 on LH side	1 1	LAD8N11 ⁽⁶⁾
	1	—	2 —	LADN20
	—	1 on LH side	2 —	LAD8N20 ⁽⁶⁾
	1	—	— 2	LADN02
4 ⁽⁴⁾	—	1 on LH side	— 2	LAD8N02 ⁽⁶⁾
	1	—	2 2	LADN22 LADN22S ⁽⁷⁾
	—	—	1 3	LADN13
	—	—	4 —	LADN40
	—	—	— 4	LADN04
4 ⁽⁴⁾	—	—	3 1	LADN31
	1	—	2 2	LADC22
	—	—	2 2	LADC22

Including 1 N/O and 1 N/C make before break.

With dust and damp protected contacts, for use in particularly harsh industrial environments

Number of contacts	Maximum number per relay	Composition		Reference
		Front mounting	Reference	
2	1	protected ⁽⁵⁾	not protected	LA1DX20
		2 —	— —	LA1DX02
		— 2	— —	LA1DY20 ⁽⁸⁾
4 ⁽⁴⁾	1	2 —	2 —	LA1DZ40
		2 —	1 1	LA1DZ31

Instantaneous auxiliary contact blocks for connection by spring terminals

This type of connection is not possible for contact blocks LAD 8 and blocks with dust and damp protected contacts.

For all other instantaneous auxiliary contact blocks, add the digit 3 to the end of the references selected above.

Example: LADN11 becomes LADN113.

⁽¹⁾ Please check the availability of your variant in the index page B7/12. The SEARCH function of your viewer can be used.

Standard control circuit voltages (for other voltages, please consult your Regional Sales Office).

a.c. supply

Volts ~	24	42	48	110	115	220	230	240	380	400	415	440
50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7

d.c. supply (coils with integral suppression device fitted as standard)

Volts —	12	24	36	48	60	72	110	125	220	250	440
U from 0.7 to 1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption (coils with integral suppression device fitted as standard)

Volts —	5	12	20	24	48	110	220	250
Code	AL	JL	ZL	BL	EL	FL	ML	UL

⁽²⁾ LC: low consumption.

⁽³⁾ To order control relays with connection by lugs, add the digit 6 to the end of the selected reference.

Example: CAD50●● becomes CAD506●●.

⁽⁴⁾ Blocks with 4 auxiliary contacts cannot be used on low consumption control relays.

⁽⁵⁾ Product fitted with 4 earth screen continuity terminals.

⁽⁶⁾ These contact blocks are allowed with AC coil control relay only.

⁽⁷⁾ With red front face - for safety chain indication.

⁽⁸⁾ With 2 earth screen continuity poles.

TeSys Control

Deca Contactors - Auxiliary contact blocks

Product references



LADN22



LAD8N11



LADN22R



LA1DX●●, LA1DZ●●

Instantaneous auxiliary contact blocks for connection by screw clamp terminals

For use in normal operating environments

Clip-on mounting	Number of contacts per block	Composition	Reference
		    	
Front	1	– – – 1 –	LADN10
		– – – – 1	LADN01
	2	– – – 1 1	LADN11
		– – – 2 –	LADN20
		– – – – 2	LADN02
	4	– – – 2 2	LADN22 LADN22S ⁽¹⁾
		– – – 1 3	LADN13
		– – – 4 –	LADN40
		– – – – 4	LADN04
		– – – 3 1	LADN31
	4 incl. 1 N/O & 1 N/C make before break	– – – 2 2	LADC22
Side (contact blocks compatible with AC coil and AC/DC Deca Green contactors)	2	– – – 1 1	LAD8N11
		– – – 2 –	LAD8N20
		– – – – 2	LAD8N02

For use in harsh industrial environment ⁽⁶⁾

Front	2	– – – 1 1	LADN11R
		– – – 2 –	LADN20R
	4	– – – 2 2	LADN22R
		– – – 4 –	LADN40R
		– – – 3 1	LADN31R

For terminal referencing conforming to EN 50012

Front on 3P contactors and 4P contactors 20 to 80 A	2	– – – 1 1	LADN11G
	4	– – – 2 2	LADN22G
Front on 4P contactors 125 to 200 A	2	– – – 1 1	LADN11P
	4	– – – 2 2	LADN22P

With dust and damp protected contacts, for use in harsh industrial environment

Front	2	– 2 – – –	LA1DX20
		1 1 – – –	LA1DX11
		2 – – – –	LA1DX02
		– 2 2 – –	LA1DY20 ⁽²⁾
	4	– 2 – 2 –	LA1DZ40
		– 2 – 1 1	LA1DZ31

Instantaneous auxiliary contact blocks for connection by lugs

This type of connection is not possible for blocks with 1 contact or blocks with dust and damp protected contacts. For all other instantaneous auxiliary contact blocks, add the figure 6 to the end of the references selected above. Example: LADN11 becomes LADN116.

Instantaneous auxiliary contact blocks for connection by spring terminals

This type of connection is not possible for LAD8, LADN with 1 contact or blocks with dust and damp protected contacts. For all other contact blocks, add the figure 3 to the end of the references selected above. Example: LADN11 becomes LADN113.

Maximum number of auxiliary contacts that can be fitted:

Contactors		Instantaneous auxiliary contacts					Time delay
Type	Number of poles and size	Side mounted	Front mounted				
			1 contact	2 contacts	4 contacts	1 block	
AC	3P LC1D09...D38	1 on LH or 1 on RH side ⁽³⁾ and	–	1	or 1	or 1	
AC/DC	LC1D40A...D80A	1 on LH or 1 on RH side and	–	1	or 1	or 1	
	LC1D80 and D95 (50/60 Hz)	1 on each side or	2	and 1	or 1	or 1	
	LC1D80 and D95 (50 or 60 Hz)	1 on each side and	2	and 1	or 1	or 1	
	LC1D115 and D150	1 on LH side and	–	1	or 1	or 1	
	4P LC1DT20...DT40	1 on LH side and	–	1	or 1	or 1	
	LC1DT60A and DT80A	1 on LH or 1 on RH side and	–	1	or 1	or 1	
	LC1D40008, D65008 and D80	1 on each side or	1	or 1	or 1	or 1	
	LC1D115	1 on each side and	1	or 1	or 1	or 1	
DC	3P LC1D09...D38	–	–	1	or 1	or 1	
	LC1D40A...D80A	–	–	1	or 1	or 1	
	LC1D80 and D95	–	1 or	1	or 1	or 1	
	LC1D115 and D150	1 on LH side and	–	1	or 1	or 1	
	4P LC1DT20...DT40	–	–	1	or 1	or 1	
	LC1DT60A and DT80A	–	–	1	or 1	or 1	
	LC1D40008, D65008 and D80	–	2 and	1	or 1	or 1	
	LC1D115	1 on each side and	–	1	or 1	or 1	
LC ^{(4) (5)}	3P LC1D09...D38	–	–	1	–	–	
	4P LC1DT20...DT40	–	–	1	–	–	

⁽¹⁾ With red front face - for safety chain indication.

⁽⁴⁾ LC: low consumption.

⁽²⁾ Device fitted with 4 earth screen continuity terminals.

⁽⁵⁾ LA1D●●● dust & damp proof auxiliary contact blocks not allowed.

⁽³⁾ 1 on LH side for AC coils - 1 on RH side for AC/DC coils.

⁽⁶⁾ Available only with screw clamp terminals and can be used on contactors with standard power consumption.

Instantaneous auxiliary contact blocks

For use in normal operating environments

Number of contacts	Maximum number of blocks per contactor Clip-on mounting	Composition				Reference
						
1	1	–	–	1	–	LADN10
		–	–	–	1	LADN01
2	2	–	–	1	1	LADN11
		–	–	2	–	LADN20
		–	–	–	2	LADN02
4	2	–	–	2	2	LADN22
		–	–	1	3	LADN13
		–	–	4	–	LADN40
		–	–	–	4	LADN04
		–	–	3	1	LADN31
		–	–	2	2 ⁽¹⁾	LADC22

With terminal referencing conforming to EN 50012

2	2	–	–	1	1	LADN11P
		–	–	1	1	LADN11G
4	2	–	–	2	2	LADN22P
		–	–	2	2	LADN22G

Instantaneous auxiliary contact blocks for connection by lugs

This type of connection is not possible for blocks with 1 contact or blocks with dust and damp protected contacts. For all other instantaneous auxiliary contact blocks, add the figure 6 to the end of the references selected above. Example: LADN11 becomes LADN116.

Instantaneous auxiliary contact blocks with dust and damp protected contacts

Recommended for use in particularly harsh industrial environments

Number of contacts	Maximum number of blocks per contactor Clip-on mounting	Composition				Reference
						
2	2	2	–	–	–	LA1DX20
		2	2 ⁽²⁾	–	–	LA1DY20
4	2	2	–	2	–	LA1DZ40
		2	–	1	1	LA1DZ31

Time delay auxiliary contact blocks

Number of contacts	Maximum number of blocks per contactor Clip-on mounting	Time delay		Reference
		Type	Range s	
1 N/O + 1 N/C	2	On-delay	0.3...3 ⁽³⁾	LADT0
			1...30	LADT2
			10...180	LADT4
		Off-delay	1...30 ⁽⁴⁾	LADS2
			0.3...3 ⁽³⁾	LADR0
			1...30	LADR2
			10...180	LADR4

(1) Including 1 N/O + 1 N/C make before break.

(2) Device fitted with 4 earth screen continuity terminals.

(3) With extended scale from 0.1 to 6 s.

(4) With switching time of 40 ms ±15 ms between opening of the N/C contact and closing of the N/O contact.