

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.

