



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 | — | — | 2 | LAD8N02 ⁽⁶⁾ |
| | | | 2 2 | LADN22 | LADN22S ⁽⁷⁾ |
| | | | 1 3 | LADN13 | |
| | | | 4 — | LADN40 | |
| | | | — 4 | LADN04 | |
| 4 ⁽⁴⁾ | 1 | — | 3 1 | LADN31 | |
| | | | 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 | protected ⁽⁵⁾ | not protected | | | |
| 2 | 1 | — | 2 — | — | — | LA1DX20 | |
| | | | — 2 | — | — | — | LA1DX02 |
| | | | 2 — 2 | — | — | — | LA1DY20 ⁽⁸⁾ |
| 4 ⁽⁴⁾ | 1 | — | 2 — | 2 | — | LA1DZ40 | |
| | | | — | 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.

