



LXD3●●

## a.c coils for ~ contactors LC1D40A...D80A, LC1DT60A and LC1DT80A

### Specifications

Average consumption at 20 °C:

■ inrush ( $\cos \phi = 0.75$ ) 160 VA,

■ sealed ( $\cos \phi = 0.3$ ) 50 Hz: 15 VA, 60 Hz: 15 VA.

Operating range ( $\theta \leq 60$  °C): 50 Hz: 0.8...1.1 Uc, 60 Hz: 0.85...1.1 Uc.

| Control circuit voltage<br>Uc | Average resistance<br>at 20 °C $\pm 10\%$ | Inductance of<br>closed circuit | Reference <sup>(1)</sup>      |
|-------------------------------|-------------------------------------------|---------------------------------|-------------------------------|
| V                             | $\Omega$                                  | H                               |                               |
| 24                            | 1.98                                      | 0.12                            | <b>LXD3B7</b>                 |
| 42                            | 6.18                                      | 0.37                            | <b>LXD3D7</b>                 |
| 48                            | 7.97                                      | 0.48                            | <b>LXD3E7</b>                 |
| 110                           | 42.28                                     | 2.50                            | <b>LXD3F7</b>                 |
| 115                           | 48.76                                     | 2.74                            | <b>LXD3FE7</b>                |
| 120                           | 37.63                                     | 2.07                            | <b>LXD3G7</b> <sup>(2)</sup>  |
| 208                           | 105                                       | 6.22                            | <b>LXD3LE7</b> <sup>(2)</sup> |
| 220                           | 182                                       | 10                              | <b>LXD3M7</b> <sup>(3)</sup>  |
| 230                           | 192                                       | 10.9                            | <b>LXD3P7</b>                 |
| 240                           | 202                                       | 11.9                            | <b>LXD3U7</b>                 |
| 380                           | 512                                       | 29.9                            | <b>LXD3Q7</b> <sup>(4)</sup>  |
| 400                           | 607                                       | 33.1                            | <b>LXD3V7</b>                 |
| 415                           | 635                                       | 35.6                            | <b>LXD3N7</b>                 |
| 440                           | 682                                       | 40.1                            | <b>LXD3R7</b>                 |
| 480                           | 607                                       | 33.1                            | <b>LXD3T7</b> <sup>(2)</sup>  |
| 575                           | 1238                                      | 68.4                            | <b>LXD3SC7</b>                |
| 600                           | 1304                                      | 74.5                            | <b>LXD3X7</b>                 |

<sup>(1)</sup> The last 2 digits in the reference represent the voltage code.

<sup>(2)</sup> This coil can only be used on 60 Hz.

<sup>(3)</sup> Suitable for use on 230 V / 50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see page B8/82 and B8/84).

<sup>(4)</sup> Suitable for use on 400 V / 50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see page B8/82 and B8/84).