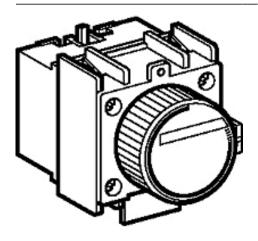
# Product datasheet Characteristics

## LADR2

TeSys D - time delay auxiliary contact block - 1 NO + 1 NC screw clamp terminals



#### Main

| Range of product              | TeSys F<br>TeSys D<br>TeSys D control relay   |  |
|-------------------------------|---|--|
| Range                         | TeSys   |  |
| Product or component type     | Time delay auxiliary contact block  |  |
| Pole contact composition      | 1 NO + 1 NC   |  |
| Shielding continuity terminal | Without   |  |
| Connections - terminals       | Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: solid - without cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: solid - without cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: solid - with cable end Screw clamp terminals 2 cable 12.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 12.5 mm² - cable stiffness: flexible - with cable end |  |

#### Complementary

|   |  | <u></u>        |
|---|--|----------------|
| Mounting location                           | Front  | and.           |
| [Ui] rated insulation voltage               | 600 V - certifications CSA<br>600 V - certifications UL<br>690 V - conforming to IEC 60947-5-1       | substitute for |
| [Ue] rated operational voltage              | 690 V AC 25400 Hz  |                |
| [lth] conventional free air thermal current | 10 A at <= 60 °C   | not intended & |
| Irms rated making capacity                  | 140 A at <= 690 V AC conforming to IEC 60947-5-1<br>250 A at <= 690 V DC conforming to IEC 60947-5-1 | <u>w</u> .     |
| Permissible short-time rating               | 120 A at -560 °C 500 ms<br>140 A at -560 °C 100 ms<br>100 A at -560 °C 1 s                           | documentation  |
| Protection type                             | GG fuse <= 10 A rating according to operational current for Ue <= 690 V                              | This d         |
| Associated fuse rating                      | 10 A gG IEC 60947-5-1  |                |
| Mechanical durability                       | 5 Mcycles  | sclaimer:      |
|   |  |                |

| Minimum switching current | 5 mA   |  |
|---------------------------|--|--|
| Minimum switching voltage | 17 V   |  |
| Non-overlap time          | <ul><li>1.5 ms on energisation (no overlap between NC and NO contact)</li><li>1.5 ms on de-energisation (no overlap between NC and NO contact)</li></ul> |  |
| Timer type                | Off delay  |  |
| Time delay range          | 0.130 s  |  |
| Insulation resistance     | > 10 MOhm  |  |

#### Environment

| Environmental characteristic          | Normal environment                     |  |
|---------------------------------------|--|--|
| Standards                             | NF C 63-140                            |  |
|                                       | BS 4794                                |  |
|                                       | IEC 60947-5-1                          |  |
|                                       | EN 60947-5-1                           |  |
|                                       | VDE 0660                               |  |
| Product certifications                | CSA                                    |  |
|                                       | UL                                     |  |
| IP degree of protection               | IP2x conforming to VDE 0106            |  |
| Protective treatment                  | TH conforming to IEC 60068             |  |
| Ambient air temperature for operation | -560 °C                                |  |
| Ambient air temperature for storage   | -6080 °C                               |  |
| Operating altitude                    | 3000 m without derating in temperature |  |

### Contractual warranty

| Warranty period  | 18 months    |  |
|------------------|--------------|--|
| vvarianty period | 10 111011113 |  |
|                  |              |  |

