



# NOVOCON T 100 DES | NDES

CONTROL UNIT FOR INDUSTRIAL SECTIONAL DOORS

## AT A GLANCE

Suitable for plug-on shaft operators up to 3 kW

Version DES for motors with digital limit switch

Version NDES for motors with mechanical limit switch

Display-supported menu navigation

No make-and-break cycle limitation to 10 %

Clearly arranged 3-button programming

Clear service and maintenance display

Plug-and-play solution for additional extensions

Partial opening is standard

High quality foil pad



## THE SET

Microprocessor control unit

Connecting cable with CEE-plug (16 A)

2 door state relays (DES)

Adapter for retrofitting to foreign operators (NDES)

Fastening materials

### SET Name

### Item no.

NovoCon T 100 (DES) 230/400V

153116-20-1-50

NovoCon T 100 (NDES) 230/400V

153101-01-1-50

*Versions with main switch on request.*

**POWER AND PERFORMANCE**

|                            |  |
|----------------------------|--|
| Suitable for               | Plug-on shaft operators with motor performance up to 3 kW  |
| Supply voltage             | 1~230 V AC / 3~230 V / 3~400 V AC (+10%, -15%) 50 Hz   |
| Power consumption          | < 25 W   |
| Stand-by power consumption | < 5 W  |
| Maintenance cycle          | Pre-selection door adjustable  |
| Service setup              | Selectable   |
| Partial opening            | Programmable   |
| Special functions          | Automatic closing, RWA, entry blockade, radio system pluggable, radio system closing edge, state relay, infra-red interface servicetool, open-Lock |
| Plug-and-play solution     | DC module  |

**FUNCTIONS**

|                       |   |
|-----------------------|---|
| Radio control         | Radio receiver pluggable  |
| Lighting              | Programmable, also prewarn light, service LED in housing                        |
| Light barrier         | LS 2 / LS 4, Reflection, RLK  |
| Door end position     | On top and at bottom programmable, fine tuning possible (DES)                   |
| Operation             | Hold-to-run OPEN / CLOSE, Impulse OPEN / CLOSE Automatic closing                |
| Special functions     | Floor adjustment door programmable, Soft Start, Soft Stop with 6.65 DU operator |
| Channel function      | Possible with extension   |
| Signal lamp operation | Possible with extension: traffic light control A 800 III                        |
| Protection category   | IP 54 (IP 65 available)   |

**DETAILS**

|                                   |  |
|-----------------------------------|--|
| Packaged dimensions (H/W/D)       | 45.8 / 22.9 / 15.3 cm                      |
| Packaged weight                   | 3.51 kg                                    |
| Colour of the housing             | RAL 7024 (graphit-grey)                    |
| Front cover                       | Fold-away to both sides                    |
| Cycle counter door                | Readable                                   |
| Operation hour counter (door)     | Readable                                   |
| Door stopping distance correction | Programmable ( <i>only DES</i> )           |
| Door interlock                    | Programmable                               |
| Operating temperature             | - 20° C / + 55° C                          |
| Closing-edge safety device        | OSE, 8k2, DWL, optionally via radio system |
| Error-handler                     | Readable                                   |
| Factory-setting                   | Reset possible                             |

