

Combined Dock Leveller



Combined System for Dock Levellers and Doors

- Incorporates the TS 959, TS 970 and TS 971.
- Pre-wired interlock to prevent door movement when dock leveller in use.
- Pre-wired interlock to allow dock leveller operation only when the door is fully open Inputs for vehicle detector, vehicle shelter and inspection lamp.
- Inputs for extractor, wheel chock sensor and position sensor dedicated traffic light relay options.
- Operations cycle counter (non re-settable) Programmable dock leveller maintenance indicator.
- Digital Display of dock leveller status and/or fault diagnostic Stores the last two fault codes.
- IP65 rated enclosure, IP54 with plug fitted.



CC61100 Shown

Features

The combined control system is configurable with both single valve hinged lip and two valve telescopic lip dock levellers. Programming the dock leveller is the same process as programming the current TS controls – quick, and user friendly. All combined control panels include terminations for a vehicle shelter and inspection lamp. These can both be set to operate automatically once the shutter has reached the fully open position. The dock leveller includes as standard a programmable maintenance indicator. This allows the installer to set a maintenance interval to suit the dock leveller and its application of between 1,000 to 99,000 operations on completion of which the control will indicate to the user that the dock leveller needs servicing. There is an added feature on CC61099, CC61100, CC61161 and CC61162 with panel mounted indication for mimicking the external red and green traffic lights. This allows the operator to identify when a vehicle has been detected and also when the vehicle has docked.

Installation and commissioning

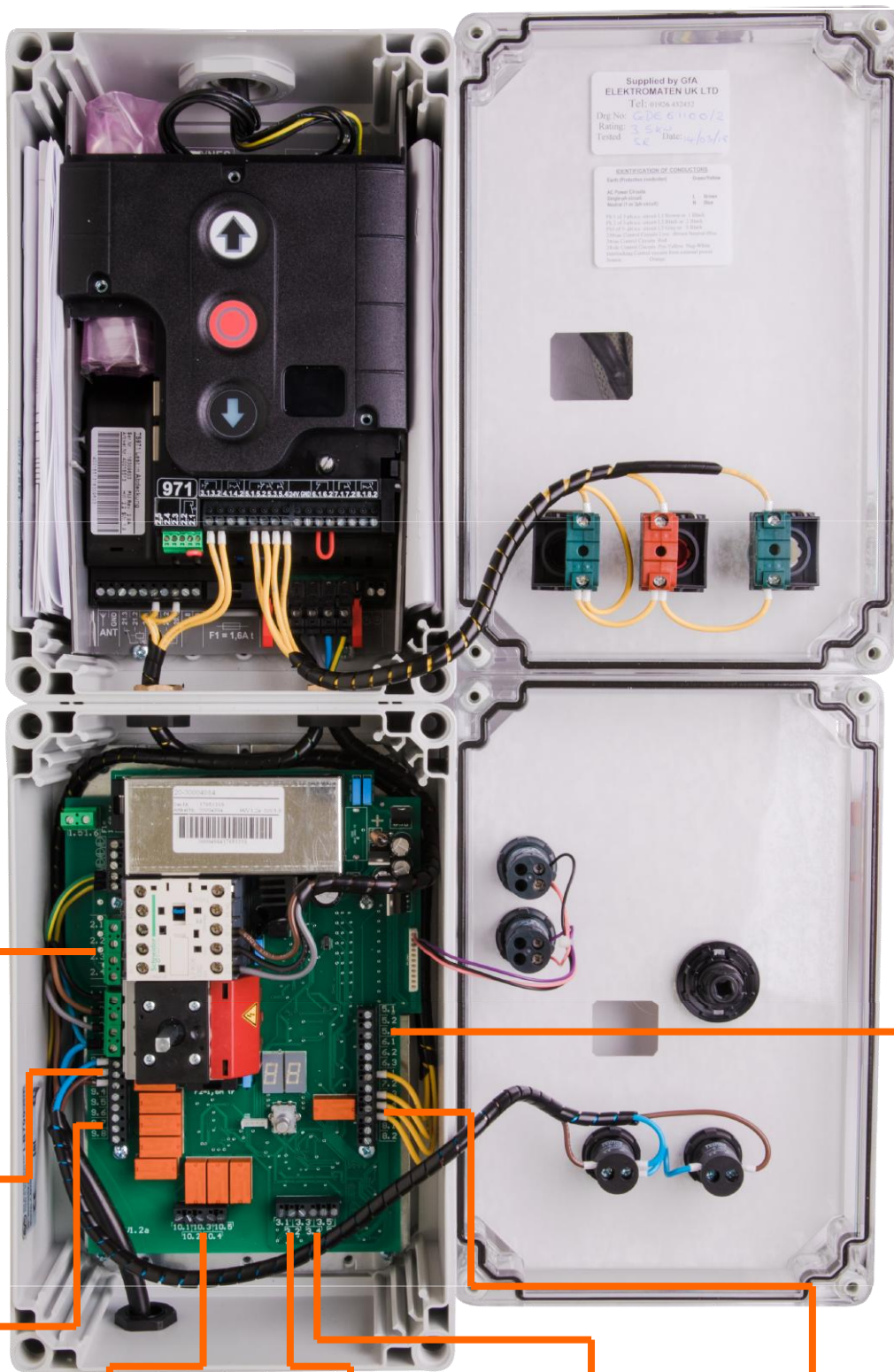
The drive and limits are connected to the TS control by a single plug-in interconnecting cable (supplied separately in lengths of 3, 5 or 7m). The dock leveller control panel has inputs for one valve on hinged lip and two valves on telescopic lip dock levellers. The control panel comes with a single commando plug which is internally connected to both the dock leveller and TS control for convenience. The dock leveller incorporates internal functionality to allow quick connection for wheel chock sensors, vehicle detectors, position sensors, vehicle shelters and internal/external traffic lights. The dock leveller panel can automatically recognise up to 3 types of wheel chock sensor and vehicle detector: a changeover switch, an 8k2 resistive with

normally open contact and 24VDC sensor unit. The dock leveller stores the last 2 fault codes, which minimises unnecessary call backs. After installation, the dock leveller can be set to 'Energy Saving Mode' which switches off the valve voltage after reaching the final limit positions.

Meeting the standards

The TS 959, TS 970 and TS 971 meet the requirements of BS EN 12453, and the dock leveller control panel meets the requirements of BS EN 1398. The introduction of a programmable maintenance indicator only further enhances the safety regime for the user.

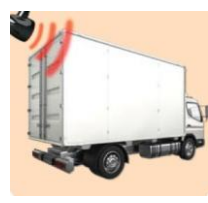
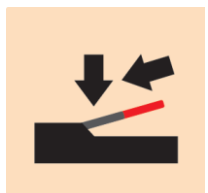
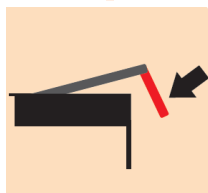




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IDENTIFICATION OF CONDUCTORS
 Each Protection Indicator: Description
 All Power Circuits: Identification
 High/Low Voltage: L: Motor
 Neutral: N: Blue
 Earth: PE: Green/Yellow

No. 1 of 2 cables connected to Terminal 1 - Blue
 No. 2 of 2 cables connected to Terminal 2 - Green
 No. 3 of 2 cables connected to Terminal 3 - Black
 No. 4 of 2 cables connected to Terminal 4 - Brown
 No. 5 of 2 cables connected to Terminal 5 - Grey
 No. 6 of 2 cables connected to Terminal 6 - White
 No. 7 of 2 cables connected to Terminal 7 - Red
 No. 8 of 2 cables connected to Terminal 8 - Yellow
 No. 9 of 2 cables connected to Terminal 9 - Orange
 No. 10 of 2 cables connected to Terminal 10 - Purple



* ILLUSTRATED



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