

## Automatic Transfer Switches (ATS) with Dual Line Bypass

CDPD89  
Issue 1

### General Description

The Dual Line Bypass Automatic Transfer Switch (ATS) units are available in current ratings from 32A to 400A in both Single and Three phase options. The units are supplied in mild steel IP65 painted enclosures (RAL 7035).

The Dual Line Bypass function isolates the ATS by bypassing the duty supply or the standby supply directly to the outgoing load, enabling essential maintenance in keeping with life safety recommendations in accordance with BS 8519:2010. The key advantage is that both the duty supply or standby supply to the load can be maintained whilst service and repairs can be carried out on the ATS unit. Two separate LED indicators are provided to show when the unit is in duty bypass or standby bypass mode.

A Deep Sea (DSE) Control Module, with a self seeking power supply is available as alternative to the standard LED indicator panel for controlling the automatic changeover from one power source to another. Contact our Sales Team for more information.



### Technical Features

- 2 Position key switch for Auto and Test.
- Adjustable under-voltage and Time delays.
- 4P configurations.
- Changeover time adjustable to 50m/s.
- Removable Top and Bottom Gland plates.
- Locks supplied with one key per enclosure.
- Easy access terminals for incoming and outgoing supplies.
- IP2X internal panel.
- 3 x Volt free changeover contacts (COM, N/O & N/C).
- Supply availability/on load LED indication panel for visual representation of supply status.
- Mechanically and electronically interlocked 4 Pole AC1 rated contactors.

#### Options:

- DSE controller with facility for MODBUS interfacing
- Stainless Steel Enclosures
- Mimic panels
- Anti-condensation heaters
- Auxiliary power supply for Generator battery charging or jacket water heater

Applied standards: BSEN / IEC 60947-4-1, BSEN / IEC 60947-6-1, BSEN / IEC 60947-3, BSEN / IEC 61439-2

### Catalogue Numbers

Rating	Three Phase Cat. No.	Single Phase Cat. No.	Encl. size
32A	ATS0322DL	ATS0324DL	A
45A	ATS0452DL	ATS0454DL	A
63A	ATS0632DL	ATS0634DL	B
100A	ATS1002DL	ATS1004DL	B
125A	ATS1252DL	ATS1254DL	B
160A	ATS1602DL	ATS1604DL	C
250A	ATS2502DL	ATS2504DL	D
400A	ATS4002DL	ATS4004DL	E

Other ratings are available on request.

For DSE option, add suffix 'DSE' to catalogue no  
E.g. ATS1004DL**DSE**

Stainless steel enclosures are available on request, add suffix "SS" to the catalogue no. E.g. ATS1004DL**SS**

To add an Anti-Condensation heater & breather plug, add suffix "HTR" to the catalogue no. E.g. ATS1004DL**HTR**

To add Terminals for easy connection of mimic panel, add suffix "MC" to the catalogue no. E.g. ATS1004DL**MC**

### Dimensions

	H	W	D
A	800	600	300
B	1000	600	300
C	1200	800	300
D	1400	1000	300
E	1600	1000	400

