

Automation of electronic accessories the universal switch TBox DR42



TBox Front



TBox Rear

The DR42 TBox allows automatic, method-controlled switching of almost any thinkable electric accessory like homogenizers, heaters, pumps, dispensers or even warning lights.

In principle, the TBox is a switch-box that can be remote-controlled by the titrator. It offers switching of either 24V DC or 100-220 V AC lines. Through the use of special commands in the titration method, many processes, especially in sample preparation, can be controlled automatically.

Setup and use are simple. The TBox is connected to the titrator either through TTL (DL5x, DL38 titrators) or through auxiliary outputs (DL7x titrators). The power cable of the accessory is then connected to the TBox. After adaption of the titration method, the accessory can be switched on and off automatically. By using the multiple in- and outputs available, more complex applications can also be established.

Two additional TTL inputs make it possible for external units even to trigger functions in the titrator.

In/Outputs

TTL I/O (to connect the titrator)
Dsub 9 connector

TTL IN1, IN2 (to connect aux. TTL units)
RF banana sockets

SW3, SW4 (to connect DL7x titrators)
RF banana sockets

OUT1, OUT2
RF banana Sockets, 24V DC, 1.2A

OUT3, OUT4
Cold appliance sockets, 100-240V,
50-60Hz, 9A

Ordering information

Description

Part No.

TBox DR42 ME51107420

DL5x to TBox Cable ME51107424

DL67, DL70ES, DL77 to TBox Cable: Use any commercial RF cable

subject to technical changes
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Mettler-Toledo GmbH Analytical
Sonnenbergstrasse 74
CH-8603 Schwerzenbach
Tel. +41 1 806 77 11
Fax +41 1 806 73 50
<http://www.titration.net>

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