



ABN 43 064 478 842

➤ 231 osborne avenue clayton south, vic 3169
PO box 1548, clayton south, vic 3169
t 03 9265 7400 f 03 9558 0875
freecall 1800 680 680
www.tmgtestequipment.com.au

Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the “Click-to-Call” logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



Click-to-Call
TMG Now



Disclaimer:

All trademarks appearing within this PDF are trademarks of their respective owners.



7705

- 300V, 2A capacity
- Two 50-pin female D-subconnectors are standard for secure hook-up and quick teardown
- Relay closures stored in onboard memory

Ordering Information

7705 40-Ch, Single-Pole, Control Module

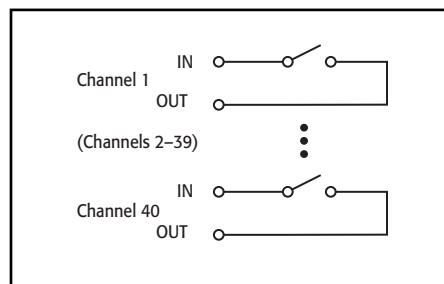
Accessories Supplied

Two mating connectors with solder cup (Model 7788)

40-Channel Single-Pole Control Module



The Model 7705 plug-in module offers 40 channels of independent switching. These channels are designed to control power to the DUT and switching loads. They can also directly control light indicators, relays, etc.



INPUTS

MAXIMUM SIGNAL LEVEL: 300VDC or rms, 2A switched, 60W (DC, resistive), 125VA (AC, resistive).

CONTACT LIFE: Cold Switching: 10^8 closures.
At Maximum Signal Levels: 10^5 closures.

CHANNEL RESISTANCE (per conductor): $<1\Omega$.

CONTACT POTENTIAL: $\leq 4\mu V$ per contact.

OFFSET CURRENT: $<100pA$.

ACTUATION TIME: 3ms.

ISOLATION: Channel to Channel: $>10^9\Omega$, $<50pF$.

Common Mode: $>10^9\Omega$, $<100pF$.

CROSSTALK (1MHz, 50 Ω load): $<-35dB$.

INSERTION LOSS (50 Ω source, 50 Ω load): $<0.3dB$ below 1MHz, $<3dB$ below 10MHz.

COMMON MODE VOLTAGE: 300V between any terminal and chassis.

GENERAL

RELAY SWITCH CONFIGURATION: 40 independent channels of 1-pole switching. Isolated from internal DMM.

CONTACT CONFIGURATION: 1 pole Form A.

RELAY TYPE: Latching electromechanical.

CONNECTOR TYPE: Two 50-pin female D-sub connectors.

FIRMWARE: Specified for Model 2700 rev. A01, 2701 rev. A01, and 2750 rev. A01 or higher.

ENVIRONMENTAL

OPERATING ENVIRONMENT: Specified for 0°C to 50°C.

Specified to 80% R.H. at 35°C.

STORAGE ENVIRONMENT: -25°C to 65°C.

WEIGHT: 0.45kg (1 lb).

ACCESSORIES AVAILABLE

7705-MTC-2 50 Pin Male to Female DSUB Cable, 2m (6.6 ft).

Use with Integra Series Mainframes: 2700, 2701, 2750

DIGITAL MULTIMETERS & SYSTEMS

1.888.KEITHLEY (U.S. only)

www.keithley.com

KEITHLEY

A GREATER MEASURE OF CONFIDENCE