



ACCURATE ELECTRONICS INC

PO BOX 1654 97075-1654 8687 SW HALL BLVD 97008 BEAVERTON OR USA 503.641.0118 FAX 503.646.3903

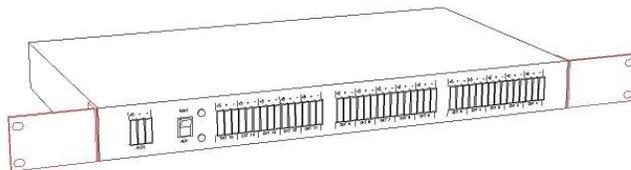
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Practice Section 10305700 Rev A

FUSE PANEL

MODEL 10305700

42 CIRCUITS (14 x +5, +15, -15 AMP)



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1. GENERAL

1.01 This practice provides application, specification, circuit and mechanical description, maintenance, installation, and warranty information relating to Accurate Electronics' Fuse Panel, Model 10305700.

1.02 Front panel mounted switch for fourteen (14) circuits or one (1) AUX circuit selection.

1.03 Front panel GMT indicating fuses - see SPECIFICATIONS for ratings.

1.04 Rear panel terminal blocks are used for power and circuits connections. See SPECIFICATIONS for spacing, rating. See FIGURE 2 for layout.

2. SPECIFICATIONS

2.01 Electrical

Number of Circuits:	14
Number of AUX Circuits:	1

Front Panel-	GMT indicating fuses: (14 circuits)
	+ 5: 0.25 A
	+ 15: 0.18 A
	- 15: 0.18 A
	GMT indicating fuses: (1 AUX)
	+ 5: 3 A
	+ 15: 0.75 A
	- 15: 0.75 A

LED:	one (1) GREEN: MAIN
	one (1) GREEN: AUX

Rear Panel -

Terminal Block: TB1, TB2 (14 circuits)
0.25 spacing, 3/48 screws, 18-22 AWG, 5A, 150V
+5
+15
-15
COM
Terminal Block: TB3 (main power IN)
5 position, 0.325 spacing, #4/40 screws,
14-22 AWG, 20A, 150V
+5
+15
-15
COM
FG

AUX Power: (P1) IN
 Plug, 4 pos., 0.093 dia terminals, 18-22 AWG

AUX Power: (J1) OUT
 Receptacle, 4 pos., 0.093 dia terminals, 18-22 AWG

2.02 Environmental

Operating Temperature:	0 - 55° C
Humidity:	up to 95% R.H. / no condensation

2.03 Physical

Dimensions:	17.300"W x 1.750"H x 11.250"D
	43.942cmW x 4.459cmH x 28.589cmD



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Mounting Width:

19" racks: 18.31"W x 1.75"H (46.507 cmW x 3.175 cmH)
(1.25 EIA Spacing)

23" racks: 22.34"W x 1.75"H (56.744 cmW x 3.175 cmH)
(1.25 EIA Spacing)

Mounting Depth: flush, 1.75" and 5.25"
reversible/adjustable ears

Finish: black anodized / white lettering

Weight: 4.0 lbs. / 1.36 kg.

Mounting Hardware:

Ship with kit:

4 ea. 12/24 x 3/4 pan phillips mach screws

4 ea. #12 round washers

4 ea. 12/24 hex nuts

Weight: 1.0 lbs. / 0.45 kg.

Finish: black anodized / white lettering

3. CIRCUIT DESCRIPTION

3.01 See FIGURE 1.

4. MECHANICAL OUTLINE

4.01 See FIGURE 2.

5. INSTALLATION

5.01 Adjust the mounting ears to desired position by first removing the two (2) machine screws, placing the ear in the desired position, either for 19" or 23" spacing, and then re-installing the two (2) machine screws. Mount the unit firmly to the relay rack with the enclosed hardware: four (4) 12/24 x 3/4 phillips screws, four (4) # 12 hex nuts and four (4) # 12 flat washers.

5.02 Reversible and adjustable mounting ears allow for the shelf to be mounted in either 19" or 23" wide relay racks. The mounting ears also allow for the unit to be mounted in the flush, or 1.75 and 3.50 forward positions. Please see FIGURE 2.

5.03 Connect the inputs and outputs on the rear panel referring to FIGURES 1 and 2 for terminal assignments.

6. TESTING AND TROUBLESHOOTING

6.01 The shelf should be thoroughly physically inspected before mounting, however, to ensure that there are no bent or broken connector pins or other visible defects. If trouble is encountered in an operational shelf, ensure that all modules are seated properly and operating correctly and that all wiring is correct. If a shelf is suspected of being defective, a new one should be substituted and the tested conducted again. If the substitute operates correctly, the original should be considered defective and returned to Accurate Electronics for repair or replacement as directed below. We strongly recommend that no internal (component-level) testing or repairs be attempted on Accurate Electronics' equipment. Unauthorized testing or repairs may void its warranty. Note: If equipment must be marked defective or bad, we recommend that it be done on a piece of tape or on a removable stick-on label.

TECHNICAL ASSISTANCE

6.02 Contact Accurate Electronics, Inc. 503.641.0118, FAX: 503.646.3903; Mail: PO Box 1654, Beaverton OR 97075-1654.

RETURN PROCEDURE (FOR REPAIR)

6.03 To return equipment for repair, first contact Accurate Electronics, Inc. Enclose an explanation of the malfunction, your company's name and address, the name of a person to contact for further information, and the purchase order number for the transaction. Accurate Electronics will inspect, repair, and retest the equipment so that it meets its original performance specifications and then ship the equipment back to you. If the equipment is in warranty, no invoice will be issued.

7. MAINTENANCE

7.01 No preventive maintenance is required. General care is recommended.

8. WARRANTY

8.01 All Accurate Electronics Inc. products carry a full FIVE (5) YEAR warranty on materials and workmanship. See WARRANTY in front of catalog.

8.02 If a situation arises that is not covered in the checklist, contact Accurate Customer Service as follows (telephone number are given below):

Contact Accurate Electronic Customer Service

8.03 If a product is diagnosed a defective, follow the replacement procedure in paragraph 8.04 when a critical service outage exists (e.g., when a system of a critical circuit is down and no spares are available). If the situation is not critical, follow the repair and return procedure in paragraph 8.05.

Replacement

8.04 To obtain a replacement, notify Accurate Electronics. Be sure to provide all relevant information, including the part number that indicates the issue of the product in question. Upon notification, we shall ship a replacement product to you. If the product in question is in warranty, the replacement will be shipped at no charge. Pack the defective product in the replacement product's carton, sign the packing slip included with the replacement, and enclose it with the defective product (this is your return authorization). Affix the preaddressed label provided with the replacement product to the carton being returned, and ship the module prepaid to Accurate Electronics.

Repair and Return

8.05 Return the defective product, shipment prepaid, to Accurate Electronics Inc. :

ACCURATE ELECTRONICS INC.
ATTN: REPAIR AND RETURN
8687 SW HALL BLVD. #100
BEAVERTON, OREGON 97008 USA

FIGURE 1. Circuit Description

