

Automatic Bus Transfers

Series 4685

Series 4685 Automatic Bus Transfers provide for the automatic or manual transfer of three phase A.C. loads from the ship's service supply to the emergency supply in case of low voltage or voltage failure. When normal conditions are restored, the load will be transferred automatically to the ship's service supply.

Specification	MIL-S-17773 (Ships)
Enclosure	Dripproof or Watertight*
Operation	Automatic
Switching Mechanism	Contactors, motor driven
Duty	Continuous
Ambient	50° C
Insulation	Class A
Mounting	Bulkhead
Transfer Position	Two way
Ratings	Amperes: 25, 50, 100, 150, 300, and 600 Voltage: 120 or 450 3 ph., A.C., 60 Hz. or 400 Hz.

*Can be furnished less enclosure for switchboard mounting.



A.C. Automatic Bus Transfer,
dripproof enclosure

Types

Amp Rating	Type ABT-A1 Part No. 60 Hz*	Type ABT-A2 Part No. 60 Hz*	Type ABT-A3 Part No. 60 Hz*
25	N296	N286	N276
50	N297	N287	N277
100	N294	N284	N274
150	N298	N288	N278
300	N299	N289	N279
600	N293	N283	N273

* For 400 Hz. Add "-41" to Part No.

Types

ABT-A1-Automatic, for A.C. service, instantaneous without phase failure operation.

ABT-A2-Automatic, for A.C. service, instantaneous with phase failure operation.

ABT-A3-Automatic, for A.C. service, time delay without phase failure operation.

Ordering Information

When ordering A.C. Automatic Bus Transfers, the following information is requested:

1. Type (i.e. Type ABT-A1)
2. A.C. voltage
3. Current in amperes
4. Type of enclosure

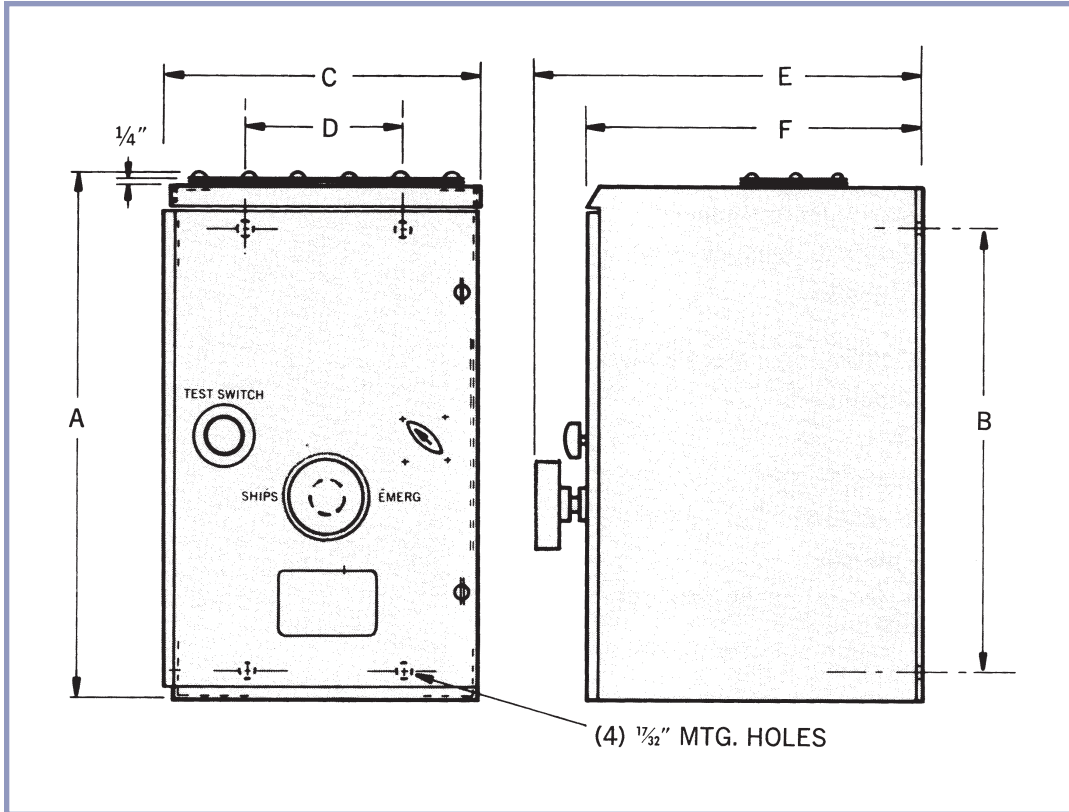
Repair Parts

Repair parts normally furnished in accordance with applicable part allowance list include:

- 1 set of contacts
- 1 set of springs

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Dripproof Enclosure Dimensions*

Amp Rating Size	Approximate Dimensions (inches)					
	A	B	C	D	E	F
25, 50, 100	19 1/2	16 1/2	12	6 1/16	13 3/4	11 3/8
150	28	24 1/2	18	13 1/2	18	14 3/4
300	30	26 1/2	18	13 1/2	23	19 1/2
600	36	32 1/2	22	13 1/2	23	19 1/2

*Watertight enclosure dimensions available on request.