

Spare Parts Information

Spare Parts

The spare part prices in this bulletin include packaging in accordance with the latest Navy Department specifications, but do not include navy boxing. Addition for Navy Spare Parts Box is \$ 25, net per box only.

Group Spares for a number of identical controllers per vessel are to be determined on the basis of the following recommended quantities:

Part or tool as applicable to the Controller Equipment Furnished	Quantity furnished per vessel for Each Contract or Order		
Controllers and Master Switches	Number of Controller Equipment per Vessel for Each Contract or Order		
	1-5	6-20	21 or Over
Complete Set of Contacts.....	1	2	3
Complete Set of Springs.....	1	2	3
Complete Set of O.L. Heaters.....	1	2	3
Shunt Coils, Each Size—Type.....	1	2	3
Resistor Units, Each Size—Type.....	1	2	3
Control Circuit Transformers, Each Size and Type.....	1	2	3
Indicating Light Transformers, Each Size and Type.....	1	2	3
Condensers, Each Size and Type.....	1	2	3
Reactors, Each Size and Type.....	1	2	3

(Continued in next column)

Part or tool as applicable to the Controller Equipment Furnished

Quantity furnished per vessel for Each Contract or Order

Number of Controller Equipment per Vessel for Each Contract or Order

Brakes	Number of Controller Equipment per Vessel for Each Contract or Order		
	1-5	6-20	21 or Over
Rectifiers, Each Size and Type.....	1	2	3
Complete Set of Springs (Except Main Spring).....	1	2	3
Main Spring.....	1	1	1
Complete Sets of Lining and Rivets.....	1	2	3
Shunt Coils, Each Size and Type.....	1	2	3
Complete Set of Special Tools.....	1	1	1

Notes: The quantities of spare parts for "Stock Equipment" must be specified on the contract or order and may deviate from the above recommendations.

No Series coils, heater elements excepted, are to be furnished as spares.

No auto-transformers or starting reactors are to be furnished as spares.

When two or more identical elements of a pushbutton type master switch are furnished only one element need be supplied as a spare.

Packaging and Packing

The control prices in this bulletin include standard commercial packing only for either domestic or export shipment. These prices do not include packaging and packing in accordance with any applicable Navy Department Specifications. The spare parts prices in this bulletin include packaging in accordance with the latest Navy Department specifications but do not include Navy boxing.

A-c and D-c Brakes For Shipboard Service

Bulletin 503 — D-c Magnet Operated — Type NM													
Brake Size	Max. Torque Rating, Lbs. Ft. Shunt Wound		Brake with Standard Wheel	Add for Special Wheel	Omission of Wheel +	Vertical or Ceiling Mounting	Spray-tight Enclosing Case A	Spare (Unboxed) Net Prices includes Navy packaging					
	Navy A		Navy A Service (Includes Manual Release)					1 Set of Springs (Except Main Spring)	1 Main Spring	Lining and Rivets	Coll	Complete Set of Spares	
	Intermittent	Continuous											
# 8	80	60	\$ 33.	\$ 27.	\$ 45.	\$ 27.	\$ 185.	\$ 3.	\$ 3.	\$ 6.	\$ 45.	\$ 57.	
#10	180	135	43.	32.	55.	27.	172.	3.	3.	13.	64.	83.	
#14	470	350	553.	40.	80.	27.	198.	7.	7.	24.	73.	116.	
#18	800	590	736.	48.	121.	37.	234.	7.	7.	25.	130.	173.	
21	1600	1200	1100.	53.	152.	37.	294.	8.	8.	35.	169.	219.	
Test Charge.....												\$ 51.	no
Master Plans.....												117.	no

Bulletin 508 — A-c Torque Motor Operated — Type NTM — 550 Volts A-c Maximum												
Brake Size (Wheel Diam. Inches)	Maximum Torque in Lbs. Ft. at 80% Voltage		List Prices				Net Prices					
	Con'L	Int.	★ Brake with Standard Wheel Spray-light Δ	Add for Special Steel Wheel	Omission Price of Wheel †	Add for Vertical Mount- ing	Spares (Unboxed) includes Navy packaging					
							One Set Springs	Main Spring	Lining and Rivets	Bear- ings and Grease Fittings	Starter Coils and Insulation	Com- plete Set of Spare
*10	125	160	\$ 632.	\$ 24.	\$ 38.	\$ 56.	\$ 7.	\$ 7.	\$ 14.	\$ 16.	\$ 18.	\$ 56.
*13	326	400	1132.	26.	71.	100.	8.	8.	25.	13.	23.	75.
*16	600	800	1459.	57.	103.	131.	16.	16.	27.	17.	30.	82.
*20	1200	1600	2195.	52.	211.	129.	20.	20.	29.	19.	39.	133.
*25	2400	3200	3412.	59.	354.	153.	32.	32.	45.	21.	76.	206.
Test Charge												\$ 51. no
Master Plans												224. no

*Sproyhtlight including cable covering complete brake cannot be supplied for brake with manual release.
 *Price includes manual release.
 *Do not use as milling price of separate wheel.
 *Dimensions of Standard Wheels are listed on page 2, Bulletin 8902.
 *Max. Torque at 855V Volts.
 *Master Plan and witness test charges are not always required for these items -- refer to nearest C-H office.