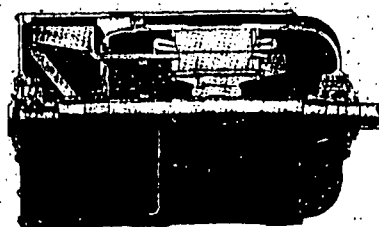


PLANT EQUIPMENT NEWS

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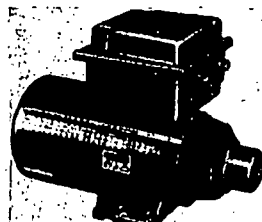
High-Slip Motor Has Extended-Bar Construction

236 • New totally-enclosed, fan-cooled high-slip induction motor is designed for use in acceleration of high-inertia loads like punch presses, centrifuges, hoists, etc. Type KRX is as much as 30% smaller and 40% lighter than conventional totally-enclosed fan-cooled high-slip motors.

Reduced heating within the motor en-

closure allows a normal air gap between rotor and stator. This reduces operating costs because there is no loss of electrical efficiency.

Type KRX motor is available in 30 to 150 hp at 900 and 1200 rpm, 5-8 and 8-13% slip. Voltage ratings are 220, 440 and 550. General Electric Co., Schenectady, N.Y.

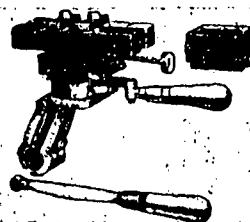


Electrical Converter

229 • This 300-w, 6120/20 frame converter has dc input of 115 v $\pm$ 15% and a 60 cycle, regulated output of 115v, single phase, operating at 0.9 lagging power factor. Regulated output is achieved by compounding booster field winding. Output suppresses radio noise by a filter unit on the control box mounted on top.

Unit is totally-enclosed moisture-proof and cooled by a fan that passes cool air over the exterior frame. Base, box, and covers are anodized cast aluminum; cover plates are cadmium-plated steel. Unit is built to MIL specifications to withstand corrosion, fungus, salt spray, etc.

Elcor, Inc., 1501 W Congress St, Chicago 7, Ill.



Commutator-Stone Holder

232 • Type C Commutator holder holds stones rigid and true for concentric resurfacing of commutators and slip rings while they run at normal speeds in their own bearings. It is only 3 1/4-in. wide.

Adjustable support, hinged at center, has insulated bushings for brush-arms 1/2 to 1 in. diameter. Holder can be used as shown when brush-arms are not easily accessible, or it may be taken apart at the center and tool mounted on lower part of support.

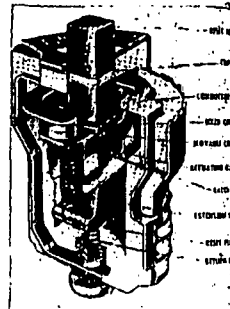
Marlindale Electric Co., 1385 11th Ave, Cleveland 7, Ohio

For more data on these items, use post, cards p. 167. Identify your request with item number.

Oilproof Neoprene Tape

223 • Self-adhesive neoprene electrical insulating tape provides a splicing material with high degree of oil and solvent resistance, when vulcanized, plus good dielectric strength and aging qualities, according to the manufacturer. Bi-Prene conforms to regular surfaces when wrapped under normal taping tension, may be cured in a factory patching press. Curing time directly related to depth of the application and mold temperature.

Available in 30-ft rolls, .030 in. thick, standard widths from 1/4 to 2 in., sold bulk on special order. Bishop Mfg Corp., 132 Factory St., Dorchester, N.J.



Miniature Circuit Breaker

221 • Mini-breaker permanent type protective device fits into any standard Edison base fuseholder delivering up to 125-amp. It requires no additional equipment or no special wiring when applied to branch or main circuits with 15, 20 or 30-amp ratings. Can be installed in a matter of seconds; electrical service is restored simply by pressing in and releasing the push button. Device is listed as a circuit protector by Underwriters' Laboratories, Inc.

Unit is precision-built and thermally-stabilized. It has 25 parts self-enclosed within special tamper-proof insulating case. Device safely interrupts excessive overloads and short circuits, tripping instantly of "shorts," but with a built-in time delay to handle temporary starting loads and surges. Service can normally be restored within 10 seconds after an interruption.

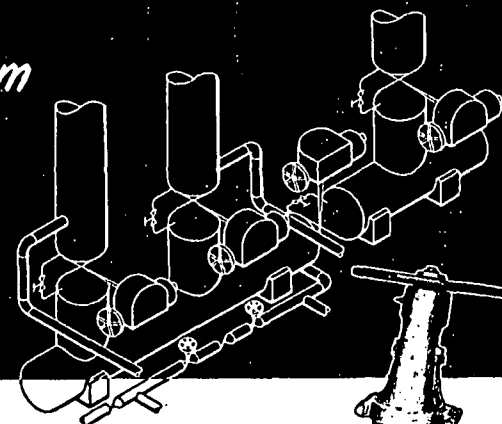
Mechanical Products Inc., 1824 River St., Jackson, Mich.

(Continued on page 160)

It's not what you Pay for Valves ...it's what they Cost you

on Main Steam Lines for example

(A Case History)



What you pay for valves is not the final criterion of value. Not when maintenance costs can quickly equal or exceed purchase price. A thrifty buyer knows his maintenance; knows also there's bigger value in better quality.

Take this case of main steam header valves in a midwestern public utility power station. One header is equipped with bolted bonnet valves. Another in identical service has Crane Pressure-Seal Bonnet Gates of identical size and pressure class.

Records on bolted bonnet valves show considerable repairs for seat leakage, and difficulty in keeping bonnet joints tight. Also trouble with discs sticking shut. In contrast, Crane Pressure-Seal Valves keep giving trouble-free, extra-cost-free service. Seats and bonnets stay tight as new; operation is smooth and positive.

Today, more than ever, you need greater assurance of dependability in piping materials. You get it in Crane valves—the standard of quality with thrifty buyers everywhere. Your big Crane Catalog offers complete selections for all needs. Your Crane Representative is always at your service.

Crane Pressure-Seal Bonnet Valves—gate, globe, angle, and stop check—in 600, 900, and 1500-Pound classes. See your Crane Catalog.



for the
**THRIFTY
BUYER**

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VALVES • FITTINGS • PIPE • PLUMBING • HEATING

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