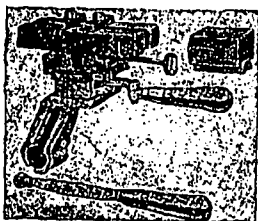


De Measuring Reactor
941 • De voltage-measuring reactor gives increased safety by insulating instrument circuit from power source.
Reactor is designed to minimize problem of injuring personnel or damaging equipment resulting from bringing leads directly from source to instrument panel. Unit has an accuracy of $\pm 0.5\%$ of full scale and operates on a power supply of 115 v, 60 cycles.
General Electric Co., Apparatus Div., Schenectady 5, N. Y.



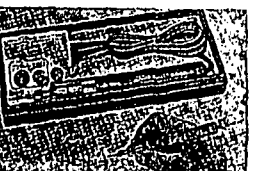
Commutator-Stone Holder
232 • Type C Commutator holder holds stones rigid and true for concentric re-surfacing of commutators and slip rings while they run at normal speeds in their own bearings. It is only 3 1/2-in. wide.
Adjustable support, hinged at center, has insulated bushings for brush-arms 3/8 to 1 in. diameter.
Martindale Electric Co., 1385 Hild Ave., Cleveland 7, Ohio



Magnetic Starters
444 • New line of magnetic starters, contactors and relays incorporates a simple 5-unit construction. The 5 independent parts consist of 2 contact blocks, a magnet coil, an armature and a 3-coil or 2-coil overload relay mounted on a steel panel. Each part can be removed from the front without disturbing another part.
Carter-Hammer Inc., 315 N 12th St., Milwaukee 3, Wis.



Single-Reduction Gearmotor
141 • This gearmotor meets the mounting limitation requirements peculiar to side entry agitators and mixers, and is suitable for light duty coupled service applications such as fans and pumps. It is available in ratings from 1 to 30 hp, 760 to 420 rpm, ACMA Classes I and II.
Westinghouse Electric Corp., P O Box 2099, Pittsburgh 30, Pa.



Circuit Tester
744 • Circuitracer locates grounds, opens on shorts in dead or live circuits. Unit will trace virtually all types of circuits for continuity and presence of either ac or dc voltage, manufacturer states. Live circuits as low as 2 or as high as 600 volts can be traced. Unit weighs 2 1/2 oz; has a signal light in tip at point of contact.
Delta Electrical Specialty Co., 1456 E Walnut, Pasadena, Calif.

ELECTRICAL BRIEFS

Electrical Converter
229 • This 300-w, 6120/20 frame converter has dc input of 115 v $\pm 15\%$ and cycle, regulated ac output of 115 v, 60 cycle, operating at 0.9 lagging power factor. Regulated output is achieved by pounding booster field winding. Converter suppresses radio noise by a filter and the control box mounted on top.
Eleur, Inc., 1501 W Congress St., Chicago 7, Ill.

Pendant Pushbuttons
737 • Bulletin 800T pendant pushbutton station is a new oil-tight control station designed for use as a portable control or for suspension above a machine when it may be easily reached while the operator is near his work.
Pendant pushbutton stations may be obtained in sizes having three units including the stop, to 10 units including the stop.
Allen-Bradley Co., Milwaukee, Wis.

Armored Cable
P945 • Sizes No. 14 to 10 Awg of cable now have a glass braid instead of customary cotton. Inorganic glass braid will not rot and is flameproof. Most important, it makes possible a smaller outside diameter of cable. Reduction of steel armor size also gives a corresponding reduction in weight.
General Electric Co., Construction Materials Div., Bridgeport 2, Conn.

Plug-In Alarm System
237 • Panalarm 50 plug-in annunciator system incorporates complete interchangeability of circuits and functions. A single standard unit can be used to signal an "off-normal" condition throughout a plant. Plug-in units are hermetically sealed, protected from adverse atmosphere or corrosion and suitable for all Class I, Division 2 locations.
Panalarm Products, Inc., 6312 N Broadway, Chicago 40, Ill.

Imprinted Cartridge Fuse
217 • Direct machine printing on the barrel of the fuse replaces old-fashioned paper labeling on one-time fuses with clear, durable markings. Color bands around the tube indicate voltage; Underwriters' label, voltage, type, catalog number and name of manufacturer are clearly visible.
Chrom-Shawmut Co., Newburyport, Mass.

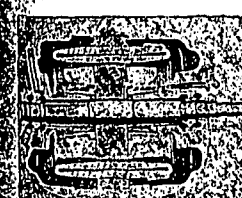
Bolt-End Insulator
735 • New porcelain insulator is designed to shield the projection ends of transformer support bolts to protect personnel working on live lines. (Support bolts are grounded, thus ordinarily creating a hazard).
Lapp Insulator Co., Inc., Le Roy, N. Y.

Motor-Operated Field Rheostat
New motor-operated field rheostat is rated at dc motors up to 200 hp and voltage of generators up to 300 kw. Rheostat uses snap-action limit switches. Motor-operated switches are supplied with each unit with additional switches for auxiliary circuits. Each cam is adjustable over a 360 degree range from 0 to 360 degrees of travel. Rheostat is available in 45, 60 and 90-degree travel.
Westinghouse Electric Corp., Box 2099, Pittsburgh 30, Pa.



Vacuum Switch
301 • Vacuum switch shuts off the power source when liquid supply runs dry. Designed for use with electric motors and gas engines, Vac-on switch can be used as a circuit-breaker or control where safety of equipment depends on a section-delivered lubricant, fuel, water or similar liquid. Switch also serves as a warning control device operating conditions depend on vacuum.
Hycon Associates, 404 N Washington Ave., Minneapolis, Minnesota.

Rainlight Switch
1239 • Front-operated Type A rainlight switch designed for outdoor installations. Front operating handle permits close gang-
ing. Switches are available in 30-, 60-, 100-, and 200-amp ratings.
Federal Electric Products Co., 50 Paris St., Newark 5, N. J.



Totally-Enclosed Motor
133 • This motor, also available in Type SES, has been approved for explosion-proof service in hazardous locations by the Underwriters' Laboratories, Inc. Motors are available in a range from 1/3- to 2-hp and will later be produced in larger ratings.
U S Electrical Motors Inc., Box 2058, Terminal Annex, Los Angeles 54, Calif.

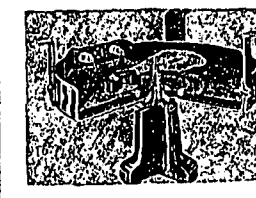
The Showcase

of New Equipment

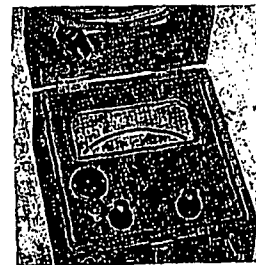


Flexible Electrical Conduit
423 • Type UA conduit has tough, extruded synthetic covering over flexible metal core, protects wiring against moisture, oil, dirt, chemicals, and corrosive fumes. Conduit is made of spirally wound, interlocked zinc-plated steel strip with a copper bonding conductor, wound spirally in the space between each convolution on the inside of the conduit. It has UL approval for use in wet locations. Available in long lengths in nominal electrical ID sizes 3/8 to 1 1/2 in. inclusive.
American Brass Co., 25 Broadway, New York 4, N. Y.

Wireway
626 • New type of wireway is designed to speed and simplify installation. Only two screws are required to fasten the cover to any one section. All other cover fasteners are of the lock type. Sections are joined by connectors, tees and elbows, each requiring only one screw which locks a hook and slot arrangement.
Trumbull Electric Dept., General Electric Co., Plainville, Conn.



Preset Steel Rheostats
604 • Bulletin 60A rheostats are available in two distinct types, S (standard) and M (multi-step), with 6, 8 and 13 in. diameters. Maximum summation watt ratings are 330, 450 and 1000 respectively. Control steps per plate range from 41 to 161.
Ward Leonard Electric Co., Mt. Vernon, N. Y.



Plug-In Insulation Tester
1137 • Direct-reading Model P-1 megohmmeter for use where many tests are performed in one location, such as in production testing. Unit has extra-long 5-in. mirror scale, individually calibrated and hand drawn for maximum accuracy. Output voltages of 500 and 1000 v dc are available. Instrument comes in single or double range models: 100, 1000 or 2000 megohms.
Herman H Sticht Co., Inc., 27 Park Place, New York 7, N. Y.

Overload Relay
327 • Type C Silco-O-Relay can be furnished with time delay curves to match the characteristics of the protected equipment. But it provides a definite high speed response point at eight times rating, protecting hermetically sealed motors, electronic circuits and control systems.

Relay has a hermetically sealed brass tube extending through and beyond the solenoid coil. Tube, in turn, holds a movable iron core and is filled with a silicone liquid. On starting inrush or small overload, magnetic force is not sufficient to



Multi-Speed Motors
352 • Motors are available in either 2, 3, or 4-speed ratings, in either constant-torque, variable-torque, or constant horsepower types. Two-speed motors have either one or two windings, 3- or 4-speed motors have two windings.
Rutland Electric Co., Allamuchy, Calif.