



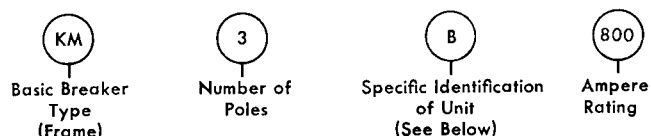
## ORDERING INFORMATION

A functional catalog numbering system enables standard molded-case circuit breakers, accessories and enclosures to be ordered quickly and easily, with a minimum of verbal description required. (This numbering system should not be used for any item which does not appear in this catalog.)

Circuit breakers can be identified by the basic seven-unit code assigned to them. Accessories, in most cases, can be identified by the two letters preceding a digit or digits; enclosures, in turn, by the one or two letters, preceding one or two digits.

### CIRCUIT BREAKERS

A typical circuit breaker catalog number is KM3-B800. Broken down, this number represents the following factors:



In the example above, the "basic breaker type" (frame), "number of poles" and "ampere rating" are self-explanatory. In the "specific identification of unit", the "B" denotes the specific device, in this case a complete thermal-magnetic breaker.

Letters used for specific identification of unit are:

#### Complete Circuit Breakers\*:

- B — Thermal-magnetic—40C standard calibration.
- M — Thermal-magnetic—50C marine calibration.
- A — Instantaneous-magnetic trip only.
- H — Instantaneous-magnetic trip only—high trip range.
- L — Instantaneous-magnetic trip only—low trip range.
- S — Switch.

#### Interchangeable Trip Units:

- T — Thermal-magnetic—40C standard calibration.
- W — Thermal-magnetic—50C marine calibration.
- X — Instantaneous-magnetic trip only—high trip range.
- U — Instantaneous-magnetic trip only—low trip range.

Breaker Frame Only (Requires the addition of an interchangeable trip unit):

- F — Frame only.

\* In most cases, complete interchangeable trip unit breakers include, unassembled, a breaker frame, trip unit and pressure wire connectors.

### ACCESSORIES

A typical accessory catalog number is KML-1, where "KM" denotes the frame size and "L" denotes a handle blocking ("lock-off") device.

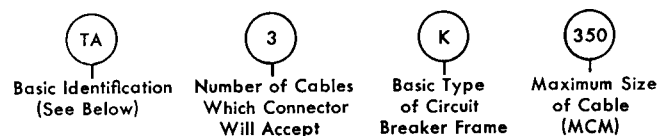
Some other letters used as accessory prefixes are:

- HL — Handle lock (padlocking device).
- MI — Mechanical interlock.
- OH — External operating-handle mechanism.
- VH — Variable-depth operating-handle mechanism.
- PC — Plug-in connector assembly.
- PL — Plate for mounting plug-in assemblies.
- RS — Rear connection stud.

### PRESSURE WIRE CONNECTORS

Special catalog numbers are used for pressure wire connectors in order to provide identification of the type of connector, the number of cables it will accept, the basic type of breaker frame for which the connector is designed, and the maximum cable size.

An example of a typical pressure wire connector catalog number is:



In the basic identification above, the "TA" prefix denotes "terminal, aluminum" which is capable of accepting either copper or aluminum cable. A "TC" ("terminal, copper") prefix signifies a pressure wire connector of copper construction, rated to accept copper cable only.

**Note:** Although a complete breaker catalog number includes the standard pressure wire connectors shown on the individual circuit breaker catalog page, customers are urged to refer to the chart in Section 2.6.5, Page 3 for a complete list of connectors available with the various breaker frame sizes. The specific pressure wire connectors desired should then be specified by catalog number with the order. For example, KM3-B800 with TA3-K350 connectors.

### ENCLOSURES

A typical catalog number for a molded-case circuit breaker enclosure is KM12. "KM" shows the frame size for which the enclosure is designed and "12" denotes the National Electrical Manufacturers Association classification; in this case, a NEMA 12 enclosure. When an enclosed circuit breaker is ordered, the enclosure catalog number is used as a suffix to the circuit breaker catalog number, although the enclosure is packaged separately from the breaker components. For example, KM3-B800-KM12.

**ORDERING INFORMATION (continued)****SPECIAL DESIGN FEATURES**

If any of the modifications shown in Section 2.6.5, Page 1 are required, specify same by describing the accessory (including control voltage desired), along with the breaker catalog number. For example, KM3-B800-KM12 with TA3-K350 connectors, a 120 volt a-c Under-voltage Trip and a Clear-Sight circuit breaker cover.

**NON-STANDARD ITEMS**

For the availability of any non-standard item not shown in this catalog, consult your local I-T-E Distributor or Sales

Office. If the item is available, describe in detail with the order all aspects of the special requirements, including unusual application conditions, sketches, wiring diagrams, etc.

**SHIPPING DATE REQUIRED**

This must be specified with the order and should take into consideration the approximate time required for transportation to destination.

**METHOD OF SHIPMENT**

Unless otherwise specified, shipment will be made the most expedient and economical way.

**All orders should be placed through an authorized I-T-E Distributor.  
When complete and accurate information is included on your order,  
shipment will proceed correctly and promptly.**



**TRADE DISCOUNT**

Type of Equipment	Suggested Trade	
	Discount	Multiplier
Bare and Enclosed Molded-Case Circuit Breakers and Accessories (Except Type EQ®-L)	50%	.50

These suggested trade discounts apply to contractors, utilities, educational institutions, governmental bodies, and purchasers not otherwise classified.

**General Selling Policy and Conditions of Sale:** See Section 2.0.5, Pages 1 and 2.

The mere possession of this discount sheet by any individual or company is not necessarily to be construed as our offer to sell to him or them any of the products listed herein at the discount shown.

*Prices and Discounts Subject to Change Without Notice*