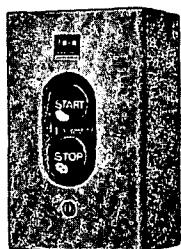




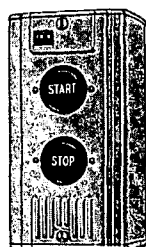
General Description

Pushbuttons—Master control stations for A-c or D-c magnetic controllers without local control—Auxiliary control for magnetic controllers with local cover control—Indicating light elements for function indication, machine position or controller state—Up to 25 elements in common enclosure—Centralization of varied or similar control functions—Operator convenience.



Type N — Standard (Normal) Duty Pushbuttons and Lights — For light, infrequent service — 1 to 3 element stations. Pushbutton, toggle or selector switch operators — Incandescent or neon pilot lights — NEMA 1, 1-B, 4-5, 7-D & 9-EFG enclosures — 1 or 2 elements with flush plate fit handy or gem outlet box — Large phenolic operating buttons —

Shrouded in well to prevent accidental operation.



Type H — Heavy Duty Pushbuttons and Lights — Rugged, long life—For extremely heavy duty circuits — 1 to 8 element stations — Choice of 12 operators and indicating lights — Roto-Latch half-down latches contacts in intermediate or "safe" position — Roto-Latch full-down latches or holds contacts in full-down position — Normally open held closed —

Normally closed held open — 8 contact block circuit arrangements provide numerous possible combinations — NEMA 1, 1-B, 3, 4-5, 7-D & 9-EFG enclosures vertical mounting — NEMA 1 & 1-B also horizontal mounting — Components base, one hole or one hole oil tight mountable.



Type T — Oil Tight Pushbuttons and Lights — Heavy duty ratings — High quality line — Corrosion resistant finish unharmed by normal tarnishing agents — Clean appearance — Compact size — building block components — 1 to 25 element stations — 14 operators and indicating lights, 9 standard colors, 7 contact block circuit arrangements — Unlimited

Combinations — Special operators and lights — Roto-push® selector-pushbutton combines selector switch and pushbutton functions into one element — Prestest® indicating light has self contained bulb testing circuit — Illuminated pushbuttons combine pushbutton and indicating light functions — Selector switches, key, knob, lever or coin slot operated — 9 color caps — Cast enclosures, flush plates and pendant

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Pushbuttons and Lights

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Type H—Heavy Duty183-186

Type T—Oil Tight (Heavy Duty)187-197

Limit Switches

General Purpose—Types D, E, F, G,

J & K205-207

Special Purpose—Types A, B, C, H,

HA, HK, HRC, PS, RC & UG208-211

Oil Tight—Types L, LD & LP198-204

Foot Switches

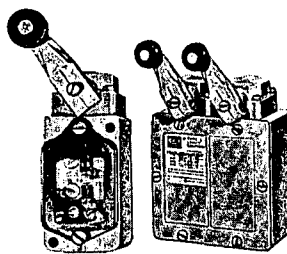
Types A, B, C & D212-213

Master & Transfer Switches.....214

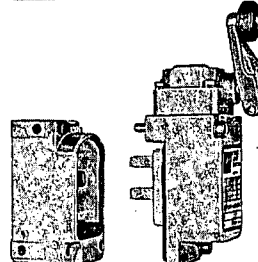
stations — Stainless steel or sheet steel enclosures and flush plates — In-line or multiple row.

Limit Switches—Pilot devices, when actuated by part of power driven machine, affect the electrical circuit controlling that machine. Prevents overtravel—Recycles—Transfers—Reverses.

Types L, LD & LP — Oil Tight — Designed specifically for demands of modern machine tools — Withstand severest service — Exclude oil, coolants, industrial liquids — Meet NEMA 4 requirements — 90° positioning of operating head — Operators 360° adjustable around operating shaft — 28 operators — 20 basic switches — Varied options — Accessories.



Type L—Single unit—Surface or flush mounting—Metal or transparent covers—Optional manifold or joy receptacle mounting, prewired "wet" type, 3/4" instead of 1/2" conduit entrance.



Type LD—Duplex—Two switches in common enclosure — Separate mechanisms —One conduit entrance—Surface mounting—Metal cover.

Type LP—Plug-in—Two components—Receptacle common to entire line—Interchangeable switch bodies allow quick replacement where minimum machinery down time is important—Receptacle contains terminal board and female plug-in clips—Switch body contains operating head assembly, contact mechanism and male plug-in prongs.

3 PHASE FULL VOLTAGE
MOTOR CONTROL

3 PHASE REDUCED
VOLTAGE & MULTISPEED
MOTOR CONTROL

1 PHASE MOTOR CONTROL

AC-DC CONTACTORS,
RELAYS & TIMERS

PUSHBUTTONS & LIGHTS,
LIMIT SWITCHES,
FOOT SWITCHES

MISCELLANEOUS
ACCESSORIES &
COMPONENTS