



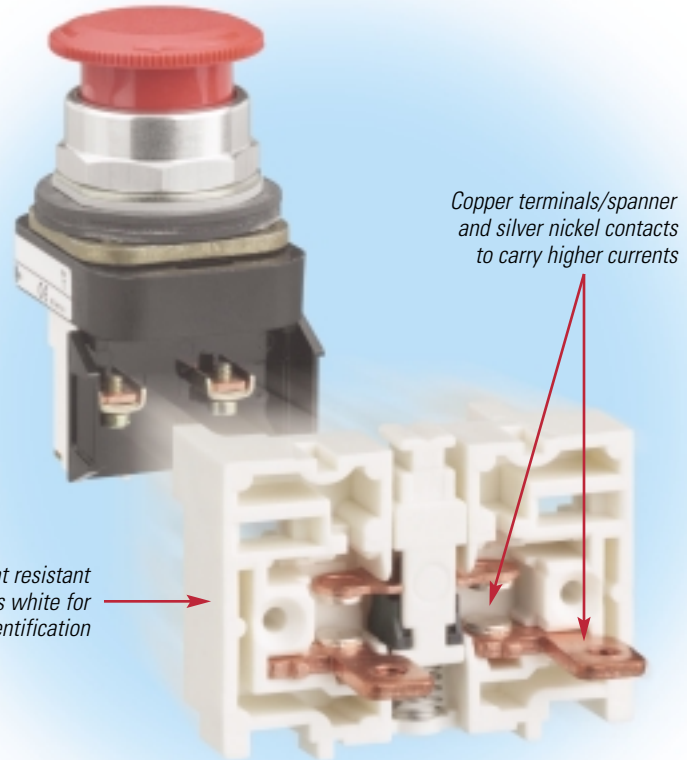
800T MaxDuty™ Contact Blocks

Switch up to 12 A – Start/Stop up to 3 Hp Motors

The new 800T MaxDuty™ contact blocks from Rockwell Automation are the solution to your higher-current switching needs. For use with 800T and 800H 30 mm push buttons, the new MaxDuty™ contacts can switch twice as much current as typical “pilot duty” contacts. In addition, they are also suitable for starting and stopping small horsepower-rated motors. The net result can be lower product/installation costs, reduced maintenance/downtime, and increased safety. So don't settle for “standard duty” or “heavy duty” contacts when your application demands 800T MaxDuty™ contacts.

Features/Specifications

- Carry 24 A continuous current ($I_{th}=24$ A)
- Switch 12 A @ 120V AC, 10 A @ 24V DC (pilot duty – Inductive Loads)
- Start/Stop Motors:
1.5 Hp @ 120V AC
3 Hp @ 240V AC
10 A FLA/60 A LRA @ 24V DC
- Available in N.O., N.C. or N.C.L.B. configurations
- Finger safe version available
- Same physical package and mounting as 800T shallow blocks
- Terminals accept up to 10 AWG wires
- Use with all existing 800T and 800H push button operators
- Available as accessory or as assembled onto push button operator
- cUL_{US} listed



Copper terminals/spanner and silver nickel contacts to carry higher currents

Heat resistant base is white for easy identification

Internal view of MaxDuty™ block

Bulletin 800T

Applications/Benefits

• Longer Electrical Life.

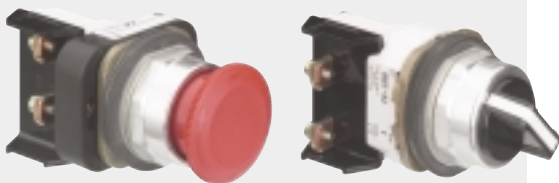
Use MaxDuty™ contacts in existing push button applications for longer contact life than “standard duty” or “heavy duty” contacts, thereby reducing maintenance/downtime and lowering product life-cycle costs.

• Increased Safety.

Higher MaxDuty™ contact ratings reduce chance of contacts welding in existing E-Stop applications. Also, E-Stops may now possibly be wired in power circuit to directly break line/load, rather than relying on control relay contacts to open.

• Lower Cost.

Displace small contactors, load/cam switches, or interposing relays in applications such as lighting, heating, 24V DC, etc. MaxDuty™ contacts can even displace manual motor starters in single-phase motor starting/stopping applications where overload protection is either not required or is built into the motor. Realize the lower product cost, reduced panel space, and ease of installation of push buttons as compared to these other products.



Product Profile

Rockwell
Automation

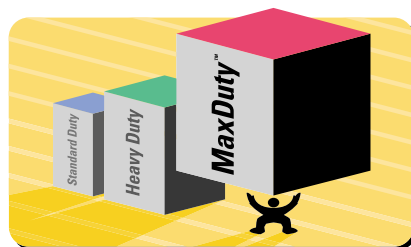
Ratings Comparison

Contacts	Continuous Amps I_{th}	Pilot Duty/Inductive Loads				Motor Rated		
		120V AC		24V DC		120V AC	240V AC	24V DC
		Make	Break	Make	Break	Hp	Hp	FLA/LRA
Typical Competitive	10 A	60 A	6 A	5 A	5 A	–	–	–
New A-B MaxDuty™	24 A	120 A	12 A	10 A	10 A	1.5 Hp	3 Hp	10 A/60 A

Easy Ordering

Catalog Number	Description
Contact Blocks	
800T-XD1M	N.O. MaxDuty™ Contact Block
800T-XD2M	N.C. MaxDuty™ Contact Block
800T-XD4M	N.C.L.B. MaxDuty™ Contact Block
800TC-XD1M	Finger-Safe N.O. MaxDuty™ Contact Block
800TC-XD2M	Finger-Safe N.C. MaxDuty™ Contact Block
800TC-XD4M	Finger-Safe N.C.L.B. MaxDuty™ Contact Block
Assembled Push Buttons	
800T-A1D1M	Flush, Momentary, Green Push Button with N.O. MaxDuty™ Contacts
800T-A2D1M	Flush, Momentary, Black Push Button with N.O. MaxDuty™ Contacts
800T-B6D2M	Extended, Momentary, Red Push Button with N.C. MaxDuty™ Contacts
800T-D6D2M	Mushroom, Momentary, Red Push Button with N.C. MaxDuty™ Contacts
800T-H2D1M	2-Position Maintained Selector Switch with N.O. MaxDuty™ Contacts
800T-J2AM	3-Position Maintained Selector with N.O. and N.C. MaxDuty™ Contacts
800T-FX6D4M	2-Position, Red Push-Pull with N.C.L.B. MaxDuty™ Contacts
800T-FXT6D4M	2-Position, Red Push-Pull-Twist-Release with N.C.L.B. MaxDuty™ Contacts

- Other assembled push button configurations available. Contact your local A-B distributor.
- Maintained push buttons are recommended for motor starting/stopping applications.
- MaxDuty™ contacts are not recommended for applications below 24V/100 mA.



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