



# Contact Block Mounting

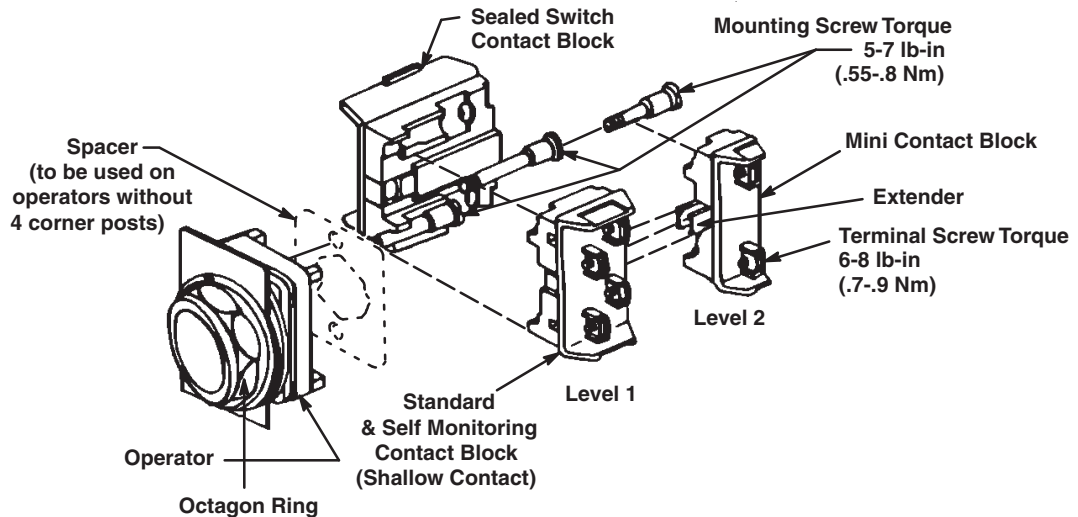
(Bulletin 800T and 800TC)

Block Type	Cat No.	Comments	Wire Range AWG (mm <sup>2</sup> )	Tight Torque lb-in (Nm)
Standard	800T/TC-XD1, 2, 3, 4, 1V, 2V, 3V, 4V 800T/TC-XA, XA1, 2, 4, 7, V	Series A (large profile, no longer available) Series B & later (shallow profile)	14-18 (.5-2.5)	6-8 (.7-.9)
Self Monitoring	800TC-XD4S		14-18 (.5-2.5)	6-8 (.7-.9)
MaxDuty	800T/TC-XD1M, -XD2M, -XD4M	High current. Horsepower rated. Short Circuit Rating: 5KA, 240VAC when protected by fuses.	10-18 (.5-6.0)	6-8 (.7-.9)
Mini	800T-XD5, 6	Requires special screw provided with blocks	14-18 (.5-2.5)	6-8 (.7-.9)
Sealed — Hi Current	800T-XAP, XD1P, XD2P		14-18 (.5-2.5)	6-8 (.7-.9)
Sealed — Medium Current	800T-XAY, XA2Y, XA4Y 800T-XD1Y, XD2Y	Requires special screw (extended head) provided with blocks.	14-18 (.5-2.5)	6-8 (.7-.9)
Sealed — Logic Reed	800T-XAR, XA2R, XA4R 800T-XD1R, XD2R		14-18 (.5-2.5)	6-8 (.7-.9)
PenTUFF	800T/TC-XAV, XD1V, XD2V, XD3V, XD4V		14-18 (.5-2.5)	6-8 (.7-.9)

**Note:** For two circuit contact blocks, it is recommended that the same wire size be used for each circuit.

## Contact Block Circuit Identification

Circuit Symbol	Description	Identification
	N.O.	3-4, A
	N.C.	1-2, B
	N.O. (Early Make)	7-8, A <sub>Z</sub>
	N.C. (Late Break)	5-6, B <sub>Z</sub>



**Standard Block:** Series B and later can be mounted 2 per level up to 2 levels and can be mixed with other block types. Series A can be mounted 1 level only and cannot be mixed with other block types. See Note 5 for restrictions on use of 800T/TC-XD3 block.

**Self Monitoring Block:** Units are only functional on level 1. Units can only be used with 2 position devices. Travels of the self monitoring contacts are not suitable for 3 & 4 position selector switches, 3 position push-pull units and toggle units.

**MaxDuty:** Intended for high-current or horsepower-rated applications. Recommended for use with maintained push button operators. Can be mounted 2 per level up to 2 levels and can be mixed with other block types.

**Mini Block:** This block is intended for use with either the standard contact block or the sealed switch logic reed contact block, but should be used on level 2 only. Uses special short mounting screw.

**Sealed Switch — Hi Current:** Can be used only on level 1. Can be mounted alongside a stack of 2 other types of blocks. Should not be used on the following operators: 800T-K selector pushbuttons and 800T-T 2, 3, & 4 way switch series P and earlier.

**Sealed Switch — Medium Current:** Can be mounted 2 per level up to 2 levels. Can be mixed with other types of contact blocks. Uses special mounting screw with extended head.

**Sealed Switch — Logic Reed:** Can be mounted 2 per level up to 2 levels. Can be mixed with other block types.



**ATTENTION:** Extender is for level 2 installations. Contact blocks used on operators with posts at 2 or 4 corners of adapter plate must be mounted without spacer. Sealed switch contact blocks should be handled with care. **Do not drop.**

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**Note:**

- 1) The contacts in the sealed switch contact blocks are hermetically sealed in a glass envelope. Dust, dirt, oxidation, oil laden air, or other air borne contaminants do not affect the continuity of the contacts.
- 2) The contacts in the standard and mini contact blocks and the operating mechanism of all the blocks are not sealed, and should not be exposed to harsh environments.
- 3) The sealed switch contact blocks are suitable for use in certain hazardous environments. When mixing standard or mini contact blocks with sealed switch contact blocks in these environments, care should be taken to insure that all safety requirements are met.
- 4) Never blow dirt off of electrical components. This may force the dirt into internal mechanisms – use vacuum.
- 5) Cat. No 800T/TC-XD3 contact blocks should not be used with the following Selector Switch Operators.

Cat No. 800T-J\_KE7  
800T-J\_KT1  
800T-N\_KK4  
800H-JR\_KR1  
800H-JR\_KT7

Cat No. 800T-J\_KR1  
800T-J\_KT7  
800T-N\_KM4  
800T-JR\_KR7  
800H-JR\_KU7

Cat No. 800T-J\_KR7  
800T-J\_KU7  
800H-JR\_KE7  
800H-JR\_KT1  
800H-JR\_KK4