Contact Blocks

Standard Contact Blocks

- UL A600/P600 rated
- Color-coded plungers—red/green for NC/NO circuits
- Silver contact tips with "reliability nibs"
- Gray (opaque) or amber (translucent) housings
- Pressure plate or spade terminals
- Fingerproof shrouds (for pressure terminals only)

Logic Level Contact Blocks

- UL A600/P600 rated
- Color-coded plungers
- Inert palladium knife-blade contacts
- Gray (opaque) housings
- Pressure plate or spade terminals

Special Function Contact Blocks

- UL A600/P600 rated
- Color-coded plungers
- Silver contact tips with "reliability nibs"
- Gray (opaque) housings
- Pressure plate terminals only

Special Purpose Contact Block

- Maximum 300V rated
- Black plungers
- Silver contact tips with "reliability nibs"
- Black (opaque) housings
- Pressure plate terminals only
- Fingerproof shrouds not available

Reliability Nibs

Reliability nibs are the hallmark of Eaton's contact blocks. A pointed silver nib on the contact tip ensures reliable switching from logic level (5V) up to 600V applications. Therefore standard contact blocks can be used for most logic level applications where the contacts are not exposed to any harsh environmental conditions.

Palladium Contacts

Palladium, which is more inert than gold, is well suited for voltages and currents approaching zero and is recommended for applications where environmental conditions are a factor.

Maximum Contact Block Mounting per Operator Type

Operator	Max. Stack
Pushbuttons	6
Push-pull operators	2
Roto-push operators	4
Two- or three-position selector switches	6
Four-position selector switches	4
Joysticks	4

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10250T1C

Amber Contact Blocks

Symbol	Circuit	Description ①	Standard Pressure Terminal ② Catalog Number	Standard Spade Terminal ③ Catalog Number	Logic Level Pressure Terminal ② Catalog Number	Logic Level Spade Terminal ③ Catalog Number
Blank No Plunger	1NC	Stack up to six blocks (six circuits) unless otherwise noted.	**10250T51C**	**10250T59C**	**10250T51EC**	**10250T59EC**
Blank No Plunger	1NO	Stack up to six blocks (six circuits) unless otherwise noted.	**10250T53C**	**10250T60C**	**10250T53EC**	**10250T60EC**
	NO-NC	Stack up to six blocks (12 circuits) unless otherwise noted.	**10250T1C**	**10250T40C**	**10250T1EC**	**10250T40EC**
	2NC	Stack up to six blocks (12 circuits) unless otherwise noted.	**10250T3C**	**10250T42C**	**10250T3EC**	**10250T42EC**
	2NO	Stack up to six blocks (12 circuits) unless otherwise noted.	**10250T2C**	**10250T41C**	**10250T2EC**	**10250T41EC**
Special Function Blocks ③						
Blank No Plunger	LONC	Late opening NC. Stack up to six blocks (six circuits) unless otherwise noted.	**10250T71C** ④	—	**10250T71EC** ④	—
	ECNO-NC	Early closing NO and standard NC. Stack up to six blocks unless otherwise noted.	**10250T47C** ④⑤	—	**10250T47EC** ④	—
	ECNO-NO	Early closing NO and standard NO. Stack up to four blocks unless otherwise noted.	**10250T57C** ④⑤	—	**10250T57EC** ④	—
	2LONC	Two late opening NC contacts. Stack up to six blocks unless otherwise noted.	**10250T45C** ④	—	**10250T45EC** ④	—
	LONC-ECNO	Overlapping contacts. Stack up to four blocks unless otherwise noted.	**10250T55C** ④⑤	—	**10250T55EC** ④	—

Notes

① All 10250T contact blocks shown are suitable for use on standard 10250T and E34 operators. These contact blocks are not suitable for Class I Division 2 type 10250T or E34 devices.

② To order amber contact blocks with fingerproof shrouds, change suffix to **CP** in the catalog number e.g. 10250T51**CP**. Not available with spade terminals.

③ Contact blocks with spade terminals are limited to a maximum of one contact block per operator and minimum spacing between devices is 2.5 in (63.5 mm). Not suitable for use in 10250T or E34 enclosures. Also available in amber housing. Not available with fingerproof shrouds.

④ Special function contact blocks are not suitable for use with roto-push operators, three-position push-pull operators, or four-position selector switches.

⑤ ECNO contact blocks are not suitable for use with two-position joysticks or when operators are used with padlock attachments.