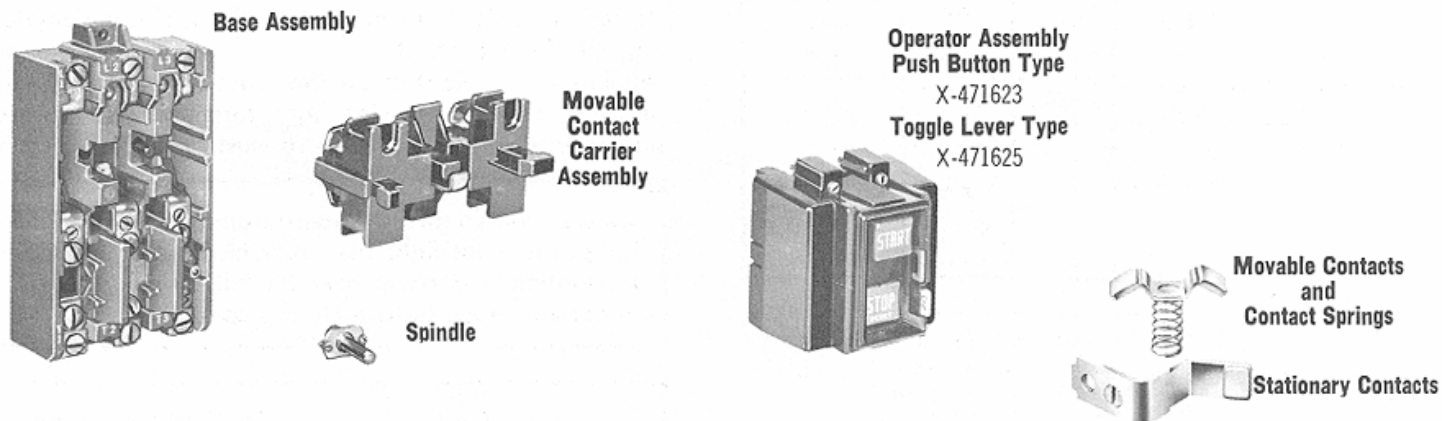


609D & 609DT Manual Starting Switches for DC Motors

Renewal Parts

Open Style Switches (less enclosure)

Figure 1



Renewal Parts for Figure 1 (catalog number 609D-AOZ series F is illustrated)

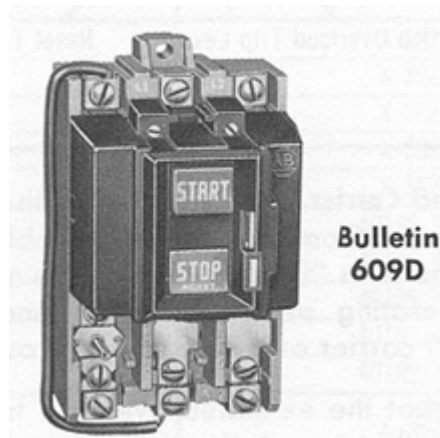
609D = pushbutton operator 609DT = toggle lever operator

Part Description (not all parts are illustrated in Figure 1)	Catalog Number		Catalog Number	
	609D(T)-AOZ (Series E)	609D(T)-BOZ (Series E)	609D(T)-AOZ (Series F)	609D(T)-BOZ (Series F)
Base Assembly ①	X-382549	X-382553	Not Available	Not Available
Terminal Clamp Assembly	X-225492	X-225492	X-225492	X-225492
Overload Spindle ②	Not Available	Not Available	Not Used	Not Used
Movable Contact Carrier Assembly ③	X-331099	X-331096	X-331099	X-331096
Complete Contact Kit ④	Z-31911	Z-31913	Z-31911	Z-31913
Operator Assembly: Pushbutton Type	X-471623	X-471623	X-471623	X-471623
Operator Assembly: Toggle Lever Type	X-471625	X-471625	X-471625	X-471625

- ① Base assembly does not include spindles or contacts.
- ② Overload spindle not used in all series letters.
- ③ Movable contact carrier assembly does not include movable contacts and springs.
- ④ Includes stationary, movable contacts and springs for entire device.

Renewal Parts

Enclosed NEMA Type 1 Bulletin 609D & 609DT Manual Starting Switches



Enclosure Only for 609D-AAZ (does not include manual starting switch)
Renewal Part Number 40189-806-01

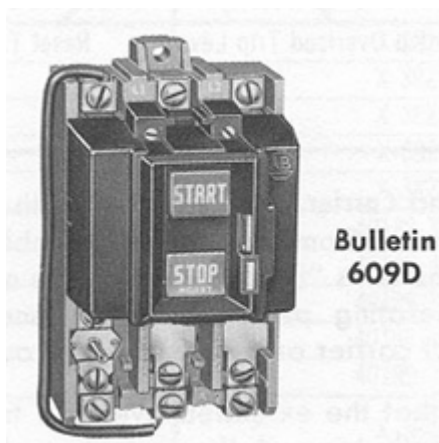
Manual Starting Switch – 609D-AOZ

609D = pushbutton operator 609DT = toggle lever operator

Part Description	Catalog Numbers 609D(T)-AAZ or 609D(T)-BAZ	
	Series E-F	Series G
Enclosure (base and cover assemblies)	40189-806-01 ①	40189-806-01
Enclosure Base Only	Not Available	Not Available
Enclosure Cover Only	Not Available	40189-808-01

① This part number is larger than the enclosure used on the original devices.

Manual Starting Switches (less enclosure)



609D-AOZ

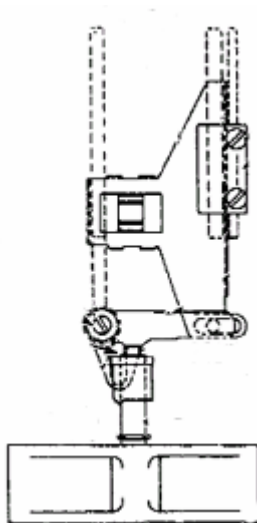
Enclosed Switch Cat. No.	Renewal Part Number for Manual Switch less Enclosure
609D-AAZ	609D-AOZ
609D-BAZ	609D-BOZ
609DT-AAZ	609DT-AOZ
609DT-BAZ	609DT-BOZ

Renewal Parts

Enclosed NEMA 4X Bulletin 609D Manual Starting Switches



Enclosure Only for 609D-ACZ (less switch)
Renewal Part Number 40189-803-01



Cover Operating Mechanism
Renewal Part Number 40189-810-01



Conduit Hub
1490-N9

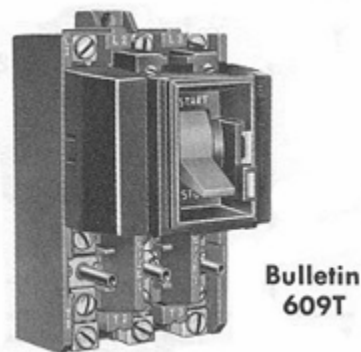


Grounding Adapter
1490-N20

Part Description	Catalog Numbers 609D-ACZ or 609D-BCZ	
	Series F	Series G
Enclosure (base and cover assemblies)	40189-802-01 ①	40189-802-01
Enclosure Base Only	Not Available	Not Available
Enclosure Cover with Cover Operating Mechanism	X-474310	40189-810-01
Operating Mechanism used in Cover	40189-805-01	40189-803-01
Grounding Adapter in Base	1490-N20	1490-N20
Conduit Hub in Base	1490-N9	1490-N9

① This part number is larger than the enclosure used on the original devices.

Manual Starting Switch (less enclosure)

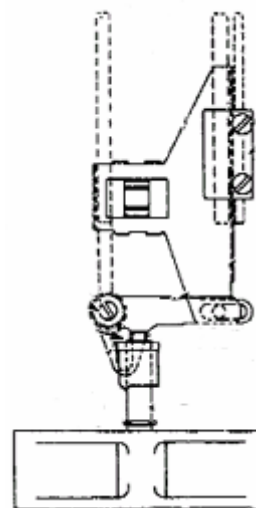
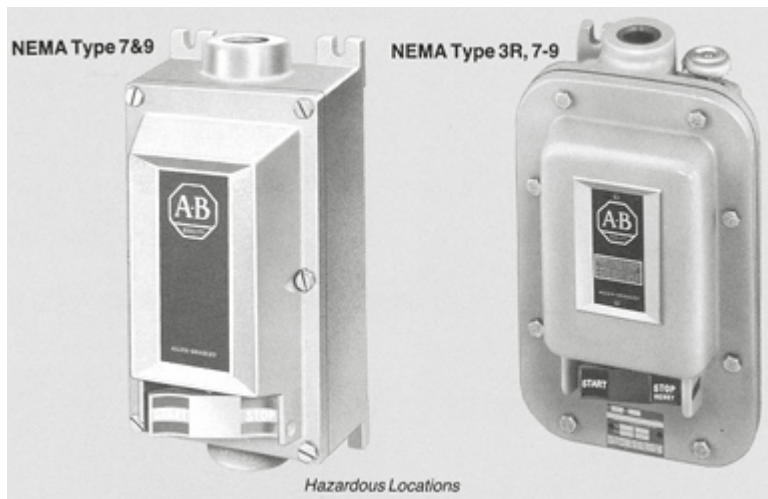


609T Manual Switch is illustrated (609D and 609DT units are similar in appearance)

Enclosed Switch Cat. No.	Renewal Part Number for Manual Switch less Enclosure
609D-ACZ	609DT-AOZ
609D-BCZ	609DT-BOZ

Renewal Parts

Enclosed NEMA 7&9 and NEMA 3R, 7&9 Bulletin 609D Manual Starting Switches



Enclosure Only for 609D-AEZ (less switch)
Renewal Part Number X-474312

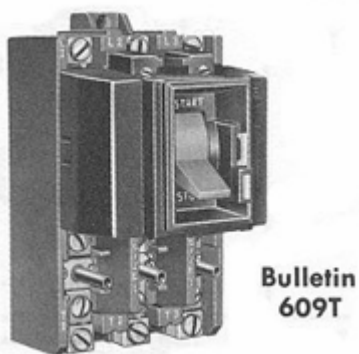
Enclosure Only for 609D-AHZ (less switch)
Renewal Part Number 40189-800-01

Cover Operating Mechanism
Renewal Part Number 40189-801-01

Part Description	Catalog Numbers 609D-AEZ or 609D-BEZ	Catalog Numbers 609D-AHZ or 609D-BHZ
	Series F	Series A
Enclosure (base and cover assemblies)	X-474312	40189-800-01 ①
Enclosure Base Only	Not Available	Not Available
Enclosure Cover with Cover Operating Mechanism	Not Available	Not Available
Operating Mechanism used in Cover	40189-804-01	40189-801-01

① Does not include drain. Order separately as 1401-N2.

Manual Starting Switch (less enclosure)



609T Manual Switch is illustrated (609D and 609DT units are similar in appearance)

Enclosed Switch Cat. No.	Renewal Part Number for Manual Switch less Enclosure
609D-AEZ	609DT-AOZ
609D-AHZ	609DT-AOZ
609D-BEZ	609DT-BOZ
609D-BHZ	609DT-BOZ

Important User Information

Because of the variety of uses for the products described in this publication, those responsible for the application and use of this control equipment must satisfy themselves that all necessary steps have been taken to assure that each application and use meets all performance and safety requirements, including any applicable laws, regulations, codes and standards.

The illustrations, charts, sample programs and layout examples shown in this guide are intended solely for purposes of example. Since there are many variables and requirements associated with any particular installation, Rockwell Automation does not assume responsibility or liability (to include intellectual property liability) for actual use based upon the examples shown in this publication.

Allen-Bradley publication SGI-1.1, *Safety Guidelines for the Application, Installation and Maintenance of Solid-State Control* (available from your local Allen-Bradley office), describes some important differences between solid-state equipment and electromechanical devices that should be taken into consideration when applying products such as those described in this publication.

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Throughout this document we use notes to make you aware of safety considerations:

ATTENTION

Identifies information about practices or circumstances that can lead to personal injury or death, property damage or economic loss



IMPORTANT

Identifies information that is critical for successful application and understanding of the product.

Use only replacement parts and devices recommended by Rockwell Automation to maintain the integrity of the equipment. It is the user's responsibility to ensure that the renewal part number selected is properly matched to the model, series and revision level of the equipment being serviced.

ATTENTION

Servicing energized Industrial Control Equipment can be hazardous. Severe injury or death can result from electrical shock, burn, or unintended actuation of controlled equipment. Recommended practice is to disconnect and lockout control equipment from power sources, and release stored energy, if present.



Refer to **National Fire Protection Association Standard No. NFPA70E, Part 2 and (as applicable) OSHA rules for Control of Hazardous Energy Sources (Lockout/Tagout) and OSHA Electrical Safety Related Work Practices** for safety related work practices, including procedural requirements for lockout/tagout, and appropriate work practices, personnel qualifications and training requirements where it is not feasible to de-energize and lockout or tagout electric circuits and equipment before working on or near exposed circuit parts.

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