



Hubbell Industrial Controls, Inc.

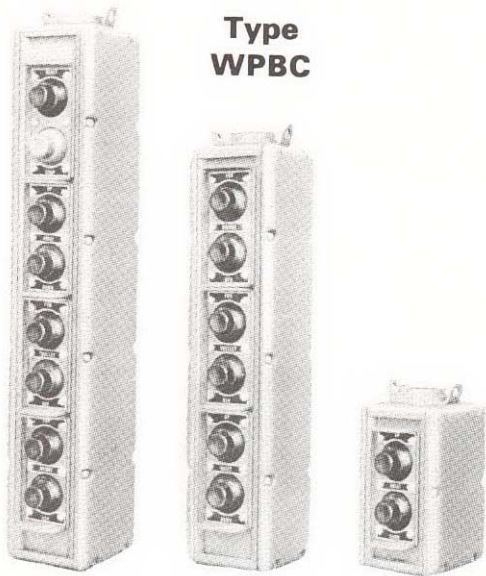
SERVICE and REPAIR PARTS
PENDANT PUSHBUTTON STATIONS
EUCLID™ TYPE PBC, WPBC, XPBC

Series 2015 Type PBC pendant-mounting pushbutton stations are designed for all heavy-duty applications that require single and multi-speed, multi-sequence performance in general purpose - NEMA 1 - applications.

Type PBC

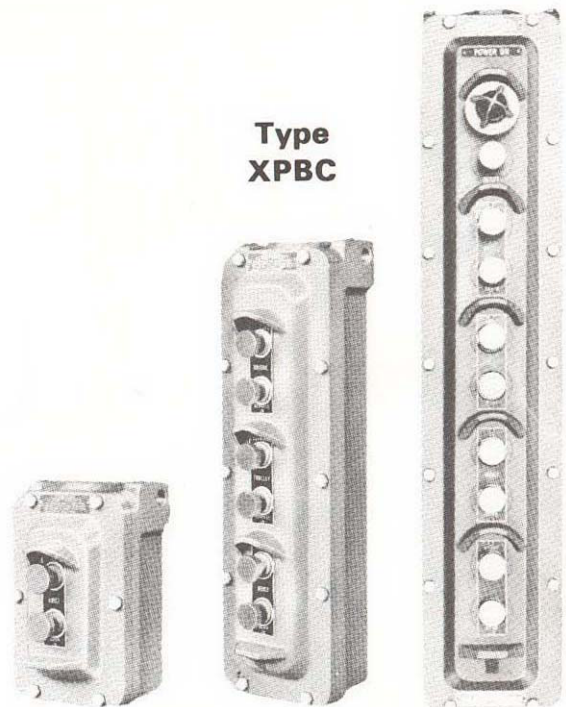


Type WPBC



Series 2016 Type WPBC pendant-mounting pushbutton stations use similar inserts as the Type PBC stations; however the enclosures are constructed for NEMA 3R, 4 or 13 applications.

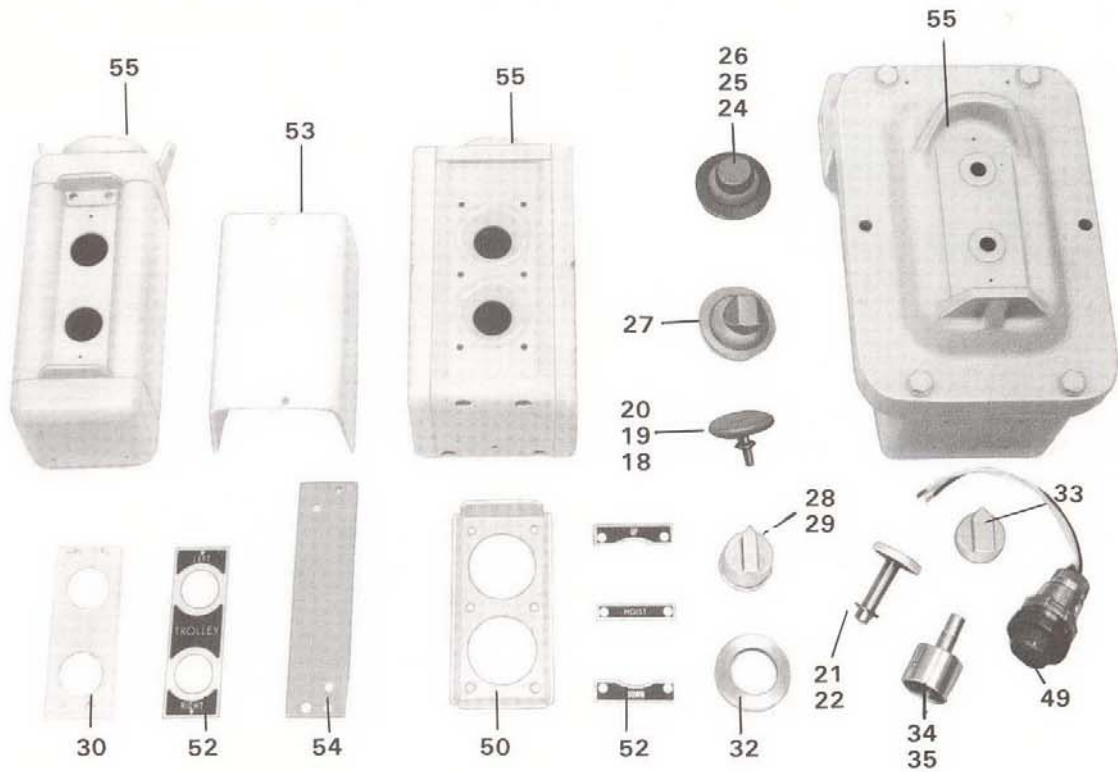
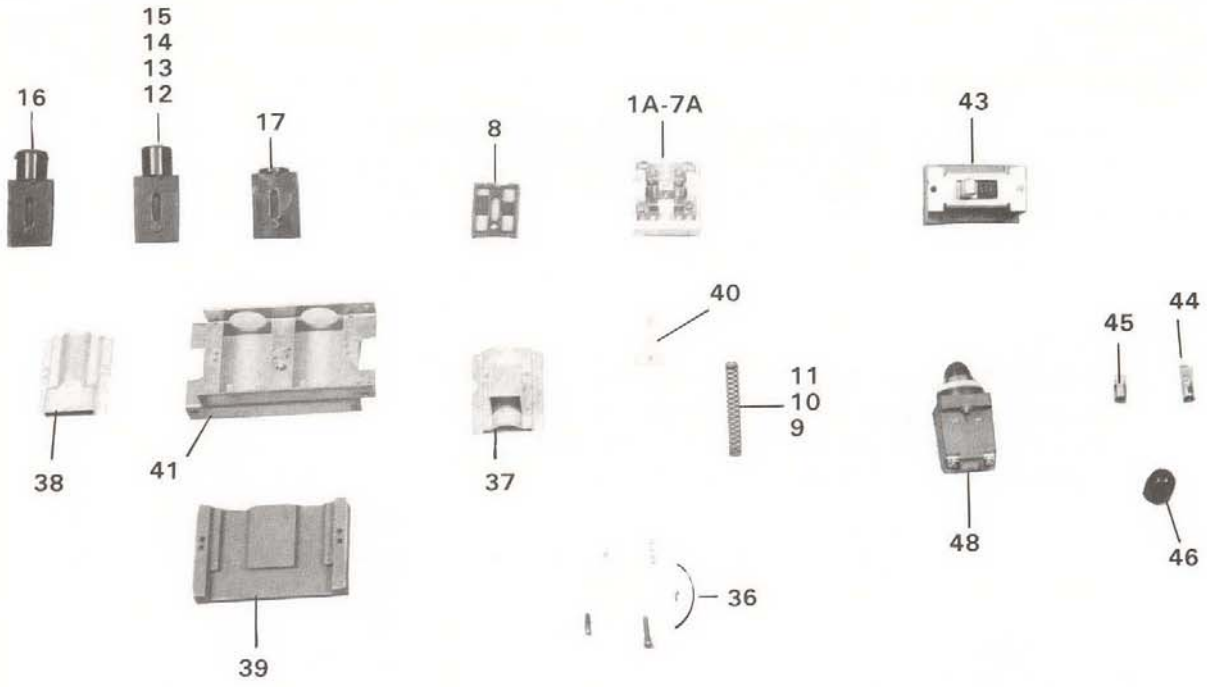
Type XPBC

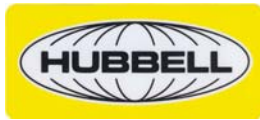


Series 2017 Type XPBC pendant-mounting pushbutton stations use similar inserts as the PBC/WPBC stations; however the enclosures are constructed for hazardous locations.

NEMA 7: NEC Class Div. 1 or 2,
Groups C, D, (Explosive Gases).

These stations are tested and listed by Canadian Standards Association, (CSA).



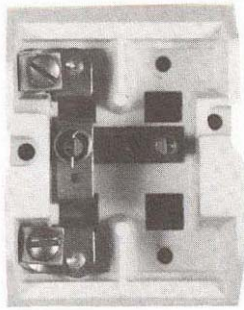


Ref. No.	Part Description	PBC	WPBC	XPBC
• 1A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	59565-001	59565-001	59565-001
• 2A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	59565-002	59565-002	59565-002
• 3A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	59565-003	59565-003	59565-003
• 4A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	58565-008	59565-008	59565-008
• 5A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	59565-004	59565-004	59565-004
• 6A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	59565-005	59565-005	59565-005
• 7A	Complete Block Assy. with Stationary & Moveable Contacts & Springs	59565-013	59565-013	59565-013
• 8	Cam Plate Slide (Order y suffix letters stamped on Cam)	25384-XXX	25384-XXX	25384-XXX
9	Spring for Plunger Return - White	27144-000	27144-000	27144-000
10	Spring for Plunger Return - Red	27143-000	27143-000	27143-000
11	Spring for Plunger Return - Yellow	27147-000	27147-000	27147-000
12	Push Button Plunger - Black	25374-001	25374-001	-
13	Push Button Plunger - Red	25374-002	-	-
14	Push Button Plunger - Green	25374-003	-	-
15	Push Button Plunger, Tapped Hole for Palm Button PBC & WPBC	27172-000	27172-000	-
16	Push Button Plunger with Pins for Selector Switch Button	25075-000	25075-000	25075-000
17	Push Button Plunger for XPBC Insert	-	-	29369-000
18	Palm Button - Black	27392-001	28140-001	-
19	Palm Button - Red	27392-002	28140-002	-
20	Palm Button - Green	27392-003	28140-003	-
21	Palm Button - Yellow	-	-	27763-004
22	Palm Button - Red	-	-	27763-002
23*	Palm Button - Red	-	-	27796-002
24	Rubber Shroud - Black	-	27197-000	-
25	Rubber Shroud - Red	-	27198-000	-
26	Rubber Shroud - Green	-	27396-000	-
27	Rubber Shroud for Toggle Switch - Red	-	27397-000	-
28	Selector Switch Operator - 3 Position	25076-000	25076-000	-
29	Selector Switch Operator - 2 Position	25077-000	25077-000	-
30	Operating Holding Plate for Selector Switch (Double)	27221-000	-	-
31*	Operating Holding Plate for Selector Switch (Single)	27215-000	-	-
32	Seal Assy. - WPBC Selector Switch	-	27766-000	-
33	Selector Switch Operator - 2 or 3 Position	-	-	27278-000
34	Selector Switch Cam Housing - 3 Position	-	-	27767-000
35	Selector Switch Cam Housing - 2 Position	-	-	27768-000
36	Hardware Kit - Consists of: Qty. 1 - Interlock	59567-000	59567-000	59567-000
	Qty. 2 - Connector	-	-	-
	Qty. 3 - Contact Blk Screw	-	-	-
	Qty. 4 - Plunge Guide Screw	-	-	-
	Qty. 5 - Maintained Base Screw	-	-	-
37	Plunger Guide with Support Bracket - PBC	25074-000	-	-
38	Plunger Guide	27220-000	27220-000	27220-000
39	Maintained Base Plunger Cover	27337-000	27337-000	27337-000
40	Maintained Base Interlock	27324-000	27324-000	27324-000
41	Center Rib (Standard - 2 Button)	25121-000	25121-000	25121-000
42*	Center (Special)	Note 1	Note 1	Note 1
43	Toggle Switch DPST 2 N.O. Contacts	28526-000	28483-000	28481-000
44	Incandescent Lamp (P1 Only)	57465-015	57465-015	-
45	Neon Lamp (P5-250 VDC)	57465-007	57465-007	-
46	Lens Pilot - Red, Elite (3/4")	57464-011	57464-011	-
47*	Lens (Specify Color)	57464-XXX	57464-XXX	-
48	Pilot Light Assembly - PBC - WPBC	Note 2	Note 2	-
49	Pilot Light Assembly - XPBC	-	-	57470-053
50	Guard (Standard 2 Button)	-	27174-000	-
51*	Guard (Special)	-	Note 1	-
52	Legend Plate	Note 1	Note 1	Note 1
53	Side/Back Cover	Note 3	-	-
54	Tie Strap	Note 1	Note 1	Note 1
55	Complete Enclosure (Less Interior)	Note 4	Note 4	Note 4

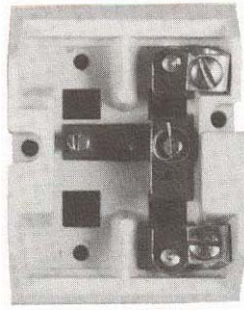
- NOTES: 1. Supply complete pushbutton catalog number, legend plate markings, and applicable motion(s).
2. Refer to price list and order by catalog part number
3. Back covers - See page 4.
4. Enclosures - See Price List 2015/2016/2017
* Not shown in photo
• Recommended spare parts Ref. No. 1A thru 7A & 8 (order as required).



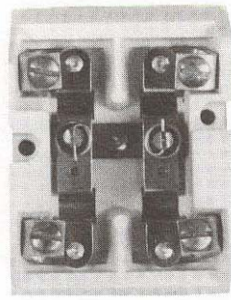
CONTACT BLOCK ASSEMBLIES



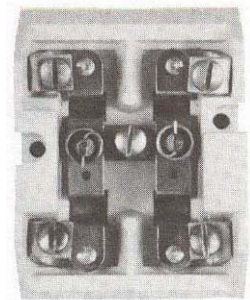
Block Ref. #1A



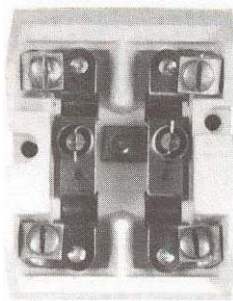
Block Ref. #2A



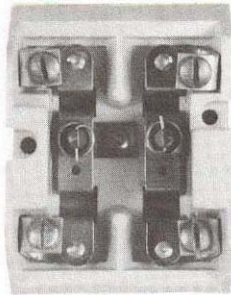
Block Ref. #3A



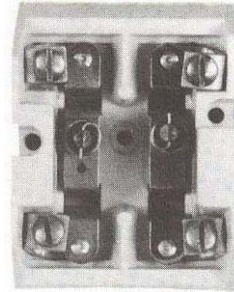
Block Ref. #4A



Block Ref. #5A



Block #6A



Block #7A

**PBC
BACK COVERS**

ENCLOSURE WITHOUT TOGGLE SPACE	LENGTH	BACK COVER P/N
CAT # C1 - 2 Button	5 - 1/8"	26748-000
C2 - 4 Button	10 - 3/8"	26749-000
C3 - 6 Button	15 - 1/8"	26750-000
C4 - 8 Button	19 - 7/8"	26701-000
C5 - 10 Button	24 - 5/8"	26702-000
C6 - 12 Button	29 - 3/8"	26703-000
ENCLOSURE WITHOUT TOGGLE SPACE	LENGTH	BACK COVER P/N
CAT # CT1 - 2 Button W/T	8 - 3/8"	26704-000
CT2 - 4 Button W/T	13 - 1/8"	26705-000
CT3 - 6 Button W/T	17 - 7/8"	26706-000
CT4 - 8 Button W/T	22 - 5/8"	26707-000
CT5 - 10 Button W/T	27 - 3/8"	26708-000
CT6 - 12 Button W/T	32 - 1/8"	26709-000



STANDARD CAM SEQUENCES W/D A-14600

1-Speed

2-Speed

3-Speed

PBC P/N	2015-54601-023	2015-54602-002		2015-54603-001	
WPBC P/N	2016-64601-023	2016-64602-002		2016-64603-001	
XPBC P/N	2017-74601-023	2017-74602-002		2017-74603-001	
W/D	A 14600 IT. 1	A 14600 IT. 2		A 14600 IT. 3	

4-Speed

5-Speed

PBC P/N	2015-54604-001	2015-54605-001		
WPBC P/N	2016-64604-001	2016-64605-001		
XPBC P/N	2017-74604-001	2017-74605-001		
W/D	A 14600 IT. 4	A 14600 IT. 5		

ON - OFF

RESET

START - STOP

PBC P/N	2015-54601-036	2015-54691-150		2015-54601-145	
XPBC P/N	2016-64601-036	2016-64691-150		2016-64601-145	
XPBC P/N	2017-74601-036	2017-74691-150		2017-74601-145	
W/D	A 14600 IT. M	A 14600 IT. R		A 14600 IT. 1A	

STOP-START

TOGGLE SWITCH

PILOT LIGHT

PILOT LIGHT

PBC P/N	2015-54601-148	2015-28526-000	2015-54698-005	2015-54698-001
WPBC P/N	5016-64601-148	2016-28436-002	2016-64698-005	2016-64698-001
XPBC P/N	2017-74601-148	2017-28436-003	2017-74698-005	2017-74698-001
W/D	A 14600 IT. 1C	A 14600 IT. T	A 14600 IT. P5	A 14600 IT. P1.

*NOTE: 2A, 3A and 7A are Block Ref. Nos. See Page 4.
NOTE: JUMPERS BETWEEN TERMINALS SUPPLIED BY CUSTOMERS

COMMONLY USED SPECIAL CAM SEQUENCES

3 SPEED WITH LV CIRCUIT	3 SPEED WITH LV & M CIRCUIT	4 SPEED WITH LV & M CIRCUIT STD. 4120 TRAVEL																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54603-006</td></tr> <tr><td>WPBC P/N</td><td>2016-64603-006</td></tr> <tr><td>XPBC P/N</td><td>2017-74603-006</td></tr> <tr><td>W/D</td><td>A 14603 IT. 6</td></tr> </table>	PBC P/N	2015-54603-006	WPBC P/N	2016-64603-006	XPBC P/N	2017-74603-006	W/D	A 14603 IT. 6	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54603-012</td></tr> <tr><td>WPBC P/N</td><td>2016-64603-012</td></tr> <tr><td>XPBC P/N</td><td>2017-74603-012</td></tr> <tr><td>W/D</td><td>A 14603 IT. 12</td></tr> </table>	PBC P/N	2015-54603-012	WPBC P/N	2016-64603-012	XPBC P/N	2017-74603-012	W/D	A 14603 IT. 12	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54604-007</td></tr> <tr><td>WPBC P/N</td><td>2016-64604-007</td></tr> <tr><td>XPBC P/N</td><td>2017-74604-007</td></tr> <tr><td>W/D</td><td>A 14604 IT. 7</td></tr> </table>	PBC P/N	2015-54604-007	WPBC P/N	2016-64604-007	XPBC P/N	2017-74604-007	W/D	A 14604 IT. 7
PBC P/N	2015-54603-006																									
WPBC P/N	2016-64603-006																									
XPBC P/N	2017-74603-006																									
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PBC P/N	2015-54603-012																									
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XPBC P/N	2017-74603-012																									
W/D	A 14603 IT. 12																									
PBC P/N	2015-54604-007																									
WPBC P/N	2016-64604-007																									
XPBC P/N	2017-74604-007																									
W/D	A 14604 IT. 7																									

4 SPEED DYNAMIC LOWERING STD. 4121 HOIST	5 SPEED WITH LV CIRCUIT STD. 4120 TRAVEL	5 SPEED WITH LV & M CIRCUIT STD. 4110 TRAVEL																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54604-090</td></tr> <tr><td>WPBC P/N</td><td>2016-64604-090</td></tr> <tr><td>XPBC P/N</td><td>2017-74804-090</td></tr> <tr><td>W/D</td><td>A 14604 IT. 90</td></tr> </table>	PBC P/N	2015-54604-090	WPBC P/N	2016-64604-090	XPBC P/N	2017-74804-090	W/D	A 14604 IT. 90	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54605-006</td></tr> <tr><td>WPBC P/N</td><td>2016-64605-006</td></tr> <tr><td>XPBC P/N</td><td>2017-74605-006</td></tr> <tr><td>W/D</td><td>A 14605 IT. 6</td></tr> </table>	PBC P/N	2015-54605-006	WPBC P/N	2016-64605-006	XPBC P/N	2017-74605-006	W/D	A 14605 IT. 6	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54605-013</td></tr> <tr><td>WPBC P/N</td><td>2016-64605-013</td></tr> <tr><td>XPBC P/N</td><td>2017-74605-013</td></tr> <tr><td>W/D</td><td>A 14605 IT. 13</td></tr> </table>	PBC P/N	2015-54605-013	WPBC P/N	2016-64605-013	XPBC P/N	2017-74605-013	W/D	A 14605 IT. 13
PBC P/N	2015-54604-090																									
WPBC P/N	2016-64604-090																									
XPBC P/N	2017-74804-090																									
W/D	A 14604 IT. 90																									
PBC P/N	2015-54605-006																									
WPBC P/N	2016-64605-006																									
XPBC P/N	2017-74605-006																									
W/D	A 14605 IT. 6																									
PBC P/N	2015-54605-013																									
WPBC P/N	2016-64605-013																									
XPBC P/N	2017-74605-013																									
W/D	A 14605 IT. 13																									

5 SPEED DYNAMIC LOWERING STD. 4111 HOIST	2 SPEED WITH OVERLAP FOR 2-SPEED AC MOTOR	LIFT DROP FOR MAG. CONTROLLERS TYPE 4290, 4291, 4295																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54605-380</td></tr> <tr><td>WPBC P/N</td><td>2016-64605-380</td></tr> <tr><td>XPBC P/N</td><td>2017-74605-380</td></tr> <tr><td>W/D</td><td>A 14605 IT. 380</td></tr> </table>	PBC P/N	2015-54605-380	WPBC P/N	2016-64605-380	XPBC P/N	2017-74605-380	W/D	A 14605 IT. 380	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54602-003</td></tr> <tr><td>WPBC P/N</td><td>2016-64602-003</td></tr> <tr><td>XPBC P/N</td><td>2017-74602-003</td></tr> <tr><td>W/D</td><td>A 14602 IT. 3</td></tr> </table>	PBC P/N	2015-54602-003	WPBC P/N	2016-64602-003	XPBC P/N	2017-74602-003	W/D	A 14602 IT. 3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54601-037</td></tr> <tr><td>WPBC P/N</td><td>2016-64601-037</td></tr> <tr><td>XPBC P/N</td><td>2017-74601-037</td></tr> <tr><td>W/D</td><td>A 14601 IT. 37</td></tr> </table>	PBC P/N	2015-54601-037	WPBC P/N	2016-64601-037	XPBC P/N	2017-74601-037	W/D	A 14601 IT. 37
PBC P/N	2015-54605-380																									
WPBC P/N	2016-64605-380																									
XPBC P/N	2017-74605-380																									
W/D	A 14605 IT. 380																									
PBC P/N	2015-54602-003																									
WPBC P/N	2016-64602-003																									
XPBC P/N	2017-74602-003																									
W/D	A 14602 IT. 3																									
PBC P/N	2015-54601-037																									
WPBC P/N	2016-64601-037																									
XPBC P/N	2017-74601-037																									
W/D	A 14601 IT. 37																									

Horn/Alarm

LEFT SIDE	RIGHT SIDE								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PBC P/N</td><td>2015-54691-022</td></tr> <tr><td>WPBC P/N</td><td>2016-64691-022</td></tr> <tr><td>XPBC P/N</td><td>2017-74691-022</td></tr> <tr><td>W/D</td><td>A 14601 IT. 22</td></tr> </table>		PBC P/N	2015-54691-022	WPBC P/N	2016-64691-022	XPBC P/N	2017-74691-022	W/D	A 14601 IT. 22
PBC P/N	2015-54691-022								
WPBC P/N	2016-64691-022								
XPBC P/N	2017-74691-022								
W/D	A 14601 IT. 22								
<p>*NOTE: 2A, 3A and 7A Block No. NOTE: JUMPERS BETWEEN TERMINALS SUPPLIED BY CUSTOMERS.</p>									

RENEWAL PARTS ORDERING INSTRUCTIONS

Individual replacement parts are available for repair or maintenance, and can be selected from the photo/parts list on page 2, 3 and 4.

When ordering individual replacement parts, the following information is necessary:

1. Part number and complete description
2. Quantity required
3. Complete catalog number of pushbutton station, shown on the identification nameplate.

NOTE: A complete insert assembly can be supplied for one or more motions. This unit consists of center rib, contact block assembly, cam plates, plungers, springs, etc. all pre-assembled and tested. Refer to applicable catalog, specification sheets, and price list for prices and additional information.

When a complete insert is required, the following information is necessary:

1. Assembly number of required insert(s) as shown marked on one end of unit. (Example: 55-001)
2. Complete identification nameplate data of existing pushbutton station, including complete catalog number. (Example: PBC-1C335)
3. Complete legend plate data. (Example: "Stop-Reset", "For-Bridge-Rev", etc.)
4. Applicable motion for required unit (Example: "Bridge").

TROUBLESHOOTING

1. Inspect Contact Block Assemblies for burned or worn contacts (Ref. 1A-7A). Cam Plates for wear (Ref. #8). Button Plungers for wear (Ref. #15-17).
2. Remove any foreign material
3. Renew all damaged material



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