Class 50 Standard Duty Pushbutton Stations

Features

- Snap In Legend Inserts
- Flush and Surface Mounted Types
- Convertible Selector
- Double Break Contacts
- Dual Voltage Pilot Light with Snap In Lens
- Conversion Kits
- UL Listed File #E22655
- CSA Certified File #LR6535

Application

Standard duty control stations are used with magnetic controllers to control the starting, stopping, reversing or speed of applicable motors.

Stations are assembled of one, two or three push button, selector switch or pilot light units in a variety of combinations to provide compact control units for remote control of magnetic starters and contactors.

Station enclosures are available in Type 1 surface mounted, 1B flush plate mounted and 4 watertight.

Features

Type 1 surface mounted bases are constructed of 14 gauge sheet steel, primed and finished in baked gray enamel. The base is predrilled to receive a variety of contact blocks, pilot lights and accessory devices. Covers are of 20 gauge sheet steel, wraparound construction, primed and finished in baked gray enamel. Siemens Type 4 watertight heavy duty push button stations are supplied with a provision to padlock the stop button in the depressed position. Enclosures are predrilled and tapped for 3/4" conduit.

Contact blocks have double break, fine silver contacts with a NEMA B600 rating. Type 4 stations have a NEMA A600 rating.

The pilot light assembly is dual voltage with clearly marked pressure type terminals for 120 volt or 240 volt connection.

The lens of the pilot light snaps into the cover and is available in both red and green.

Push buttons are equipped with an operator into which a selected legend insert is snapped. Legend inserts are molded thermoplastic and come in a wide variety of legends and colors.

The selector switch operator can be instantly set for two or three positions at any time.

Mushroom Head

50ZMH mounts on any standard push button operator. The Mushroom Head is red molded thermoplastic, 1 1/2" in diameter, and provides a large operator for emergency stop or similar applications.

Mechanical Interlock

50ZAM is a base mounted zinc plate, dichromate dipped, steel assembly. When mounted in conjunction with Duplex Contact Block 50ZAC3 (one NO and one NO) the interlock prevents one contact from being closed while the other contact is closed. Padlock Attachment Kit

50ZAL can be mounted to any Type 1 surface mounted station by the lower screw which fastens the cover to the station base. Made of heavy steel, chrome plated, the attachment provides for the padlocking of a push button in the depressed position or a selector switch in any position. When used with a push button operator, raised Legend Insert D53493003 (Red Stop) must be used.

Pendant Bracket

Adapts standard Type 1 surface mounted stations for suspension from a cable or chain. Bracket 50ZAP2 is used for one and two unit stations, 50ZAP3 for three unit stations.

Electrical Ratings

NEMA AC Ratings 50/60Hz

Nema B600 5	Continuous Amps
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Make	Break
30	3
15	1.5
7.5	0.75
6	0.6
3600	360
	30 15 7.5 6

Ordering Information

- · Legend Inserts see page 17-235.
- Accessories see page 17-235.



2 Push Buttons Surface Mounting, NEMA 1



1 Push Button Surface Mounting



1 Selector Switch Flush Mounting



2 Push Buttons Flush Mounting, NEMA 1B



2 Push Buttons 1 Selector Switch



1 Pilot Light 2 Push Buttons



General

Class 50 Standard Duty Pushbutton Stations

5A 600V AC NEMA B600

Selection and ordering data

				Number	Order No. List	Packs
	Operator identification	Degree of protection	Contacts / voltage	of com- mand points	Price \$	Unit
1 unit surface mount-momentary	A = Momentary flush pushbutton green, surface, label "START"	NEMA 1	1NO - 1NC with common jumper (50ZAC1)	1	50AA3D	1
pushbutton	A = Momentary flush pushbutton red, surface, label "STOP"	NEMA 1	1NO - 1NC with common jumper (50ZAC1)	1	50AA3E	1
(9)	A = Momentary raised pushbutton red, surface, label "STOP"	NEMA 1	1NO - 1NC with common jumper (50ZAC1)	1	50AA3F	1
-	A = Momentary mushroom head red, surface, label "STOP"	NEMA 1	1NO - 1NC with common jumper (50ZAC1)	1	50AA3G	1
STOP	A = Momentary flush pushbutton less insert, surface	NEMA 1	1NO - 1NC with common jumper (50ZAC1)	1	50AA3A	1
E	A = 3 position selector switch, surface, label "HAND-OFF-AUTO"	NEMA 1	2 NO 2SPST (50ZAC8)	1	50AA3C3	1
	A = 2 position selector switch, surface, label "Off-On"	NEMA 1	2 NO 2SPST (50ZAC8)	1	50AA3C6	1
	A = 2/3 selector switch, surface, multiple legends	NEMA 1	2 NO 2SPST (50ZAC8)	1	50AA3B9	1
	A = Indicator light, red, surface	NEMA 1	120/240V dual voltage 120PSB lamp	1	50BA3Y	1
	A = Indicator light, green, surface	NEMA 1	120/240V dual voltage 120PSB lamp	1	50BA3Z	1
	A = Indicator light, less lens, surface	NEMA 1	120/240V dual voltage 120PSB lamp	1	50BA32	1
	A = Momentary flush pushbutton green, flush, label "START"	NEMA 1B	1NO - 1NC with common jumper (50ZAC1)	1	50AA2D	1
1 unit flush mount-momentary	A = Momentary flush pushbutton red, flush, label "STOP"	NEMA 1B	1NO - 1NC with common jumper (50ZAC1)	1	50AA2E	1
pushbutton	A = Momentary raised pushbutton red, flush, label "STOP"	NEMA 1B	1NO - 1NC with common jumper (50ZAC1)	1	50AA2F	1
	A = Momentary flush pushbutton less insert, flush	NEMA 1B	1NO - 1NC with common jumper (50ZAC1)	1	50AA2A	1
	A = Momentary flush pushbutton less insert, flush, chrome plate	NEMA 1B	1NO - 1NC with common jumper (50ZAC1)	1	50AA6A	1
	A = 3 position selector switch, flush, label "HAND-OFF-AUTO"	NEMA 1B	2 NO 2SPST (50ZAC8)	1	50AA2C3	1
	A = 3 position selector switch, flush, label "Off-On"	NEMA 1B	2 NO 2SPST (50ZAC8)	1	50AA2C6	1
	A = 2/3 selector switch, multiple legends, flush	NEMA 1B	2 NO 2SPST (50ZAC8)	1	50AA2B9	1
	A = 2/3 selector switch, multiple legends, chrome plate, flush	NEMA 1B	2 NO 2SPST (50ZAC8)	1	50AA6B9	1
	A = Indicator light, red, flush	NEMA 1B	120/240V dual voltage	1	50BA2Y	1
	A = Indicator light, green, flush	NEMA 1B	120/240V dual voltage	1	50BA2Z	1
	A = Indicator light, less lens, flush	NEMA 1B	120/240V dual voltage	1	50BA22	1
	A = Indicator light, less lens, chrome plate, flush	NEMA 1B	120PSB lamp	1	50BA62	1
2 unit surface mount-momentary pushbutton	 B = Momentary pushbutton green, surface, label "START" A = Momentary pushbutton red, surface, label "STOP" 	NEMA 1	1NO, 1NC (50ZAC2)	2	50CA3DE	1
START) STOP	B = Momentary pushbutton green, surface, label "START" A = Momentary raised pushbutton red, surface, label "STOP"	NEMA 1	1NO, 1NC (50ZAC2)	2	50CA3DF	1
	B = Momentary pushbutton green, surface, label "START" A = Momentary mushroom head pushbutton red, surface, label "STOP"	NEMA 1	1NO, 1NC (50ZAC2)	2	50CA3DG	1
	B = Momentary pushbutton, less insert, surface A = Momentary pushbutton, less insert, surface	NEMA 1	1NO, 1NC (50ZAC2)	2	50CA3AA	1
	B = Momentary pushbutton, surface, label "FORWARD" A = Momentary pushbutton, surface, label "REVERSE"	NEMA 1	2 NO (50ZAC3)	2	50DA3KL	1

Class 50 Standard Duty Pushbutton Stations

5A 600V AC NEMA B600

Packs

List

Price \$

Number

of com-

Order No.

Selection and ordering data

		protection	Contacts / Voltage	mand			
	Operator identification	protection		points		1 unit	Unit
2 unit surface mount-momentary pushbutton	B = Momentary pushbutton, surface, label "OPEN" A = Momentary pushbutton, surface, label "CLOSE"	NEMA 1	2 NO (50ZAC3)	2	50DA3HJ		1
(START)	B = Momentary pushbutton, surface, label "UP" A = Momentary pushbutton, surface, label "DOWN"	NEMA 1	2 NO (50ZAC3)	2	50DA3NP		1
STOP	B = Momentary pushbutton, surface, less insert A = Momentary pushbutton, surface, less insert	NEMA 1	2 NO (50ZAC3)	2	50DA3AA		1
	B = Momentary pushbutton, surface, label "FORWARD" A = Momentary pushbutton, surface, label "REVERSE"	NEMA 1	2 NO mechanically inter- locked (50ZA3C w/ 50ZAM)	2	50RA3KL		1
	B = Momentary pushbutton, surface, label "OPEN" A = Momentary pushbutton, surface, label "CLOSE"	NEMA 1	2 NO mechanically inter- locked (50ZA3C w/ 50ZAM)	2	50RA3HJ		1
	B = Momentary pushbutton, surface, label "UP" A = Momentary pushbutton, surface, label "DOWN"	NEMA 1	2 NO mechanically inter- locked (50ZA3C w/ 50ZAM)	2	50RA3NP		1
	B = Momentary pushbutton, surface, label "ON" A = Momentary pushbutton, surface, label "OFF"	NEMA 1	2 NO mechanically inter- locked (50ZA3C w/ 50ZAM)	2	50RA334		1
	B = Momentary pushbutton, less insert surface A = Momentary pushbutton, less insert, surface	NEMA 1	2 NO mechanically inter- locked (50ZA3C w/ 50ZAM)	2	50RA3AA		1
	B = Momentary pushbutton, surface, label "FORWARD" A = Momentary pushbutton, surface, label "REVERSE"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2)	2	50EA3KL		1
	B = Momentary pushbutton, surface, label "OPEN" A = Momentary pushbutton, surface, label "CLOSE"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2)	2	50EA3HJ		1
	B = Momentary pushbutton, surface, label "UP" A = Momentary pushbutton, surface, label "DOWN"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2)	2	50EA3NP		1
	B = Momentary pushbutton, surface, label "ON" A = Momentary pushbutton, surface, label "OFF"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2)	2	50EA334		1
	 B = Momentary pushbutton, surface, less insert A = Momentary pushbutton, surface, less insert 	NEMA 1	2 NO, 2 NC (2 - 50ZAC2)	2	50EA3AA		1
2 unit flush mount-momentary pushbutton	B = Momentary pushbutton green, flush, label "START" A = Momentary pushbutton red, flush, label "STOP"	NEMA 1B	1NO, 1NC (50ZAC2)	2	50CA2DE		1
	B = Momentary pushbutton green, flush, label "START" A = Momentary raised pushbutton red, flush, label "STOP"	NEMA 1B	1NO, 1NC (50ZAC2)	2	50CA2DF		1
500	B = Momentary pushbutton green, flush, label "START" A = Momentary mushroom head pushbutton red, flush, label "STOP"	NEMA 1B	1NO, 1NC (50ZAC2)	2	50CA2DG		1
	B = Momentary pushbutton, less insert, flush	NEMA1B	1NO, 1NC (50ZAC2)	2	50CA6AA		1

Contacts / voltage

Degree of

A = Momentary pushbutton, less insert, flush

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Class 50 Standard Duty Pushbutton Stations

5A 600V AC NEMA B600

Selection and ordering data

	ioning data					
	Operator identification	Degree of protection	Contacts / voltage	Number of com- mand points	Order No. List Price 1 un	
2 unit flush mount-momentary pushbutton	B = Momentary pushbutton, flush, label "FORWARD" A = Momentary pushbutton, flush, label "REVERSE"	NEMA 1B	2 NO (50ZAC3)	2	50DA2KL	1
	B = Momentary pushbutton, flush, label "OPEN" A = Momentary pushbutton, flush, label "CLOSE"	NEMA 1B	2 NO (50ZAC3)	2	50DA2HJ	1
	B = Momentary pushbutton, flush, label "UP" A = Momentary pushbutton, flush, label "DOWN"	NEMA 1B	2 NO (50ZAC3)	2	50DA2NP	1
	B = Momentary pushbutton, less insert, flush A = Momentary pushbutton, less insert, flush	NEMA 1B	2 NO (50ZAC3)	2	50DA2AA	1
	 B = Momentary pushbutton, less insert, chrome plate, flush A = Momentary pushbutton, less insert, chrome plate, flush 	NEMA 1B	2 NO (50ZAC3)	2	50DA6AA	1
	B = Momentary pushbutton, flush, label "FORWARD" A = Momentary pushbutton, flush, label "REVERSE"	NEMA 1B	2 NO mechanically interlocked (50ZA3C w/ 50ZAM)	2	50RA2KL	1
	B = Momentary pushbutton, flush, label "OPEN" A = Momentary pushbutton, flush, label "CLOSE"	NEMA 1B	2 NO mechanically interlocked (50ZA3C w/ 50ZAM)	2	50RA2HJ	1
	B = Momentary pushbutton, flush, label "UP" A = Momentary pushbutton, flush, label "DOWN"	NEMA 1B	2 NO mechanically interlocked (50ZA3C w/ 50ZAM)	2	50RA2NP	1
	B = Momentary pushbutton, flush, label "ON" A = Momentary pushbutton, flush, label "OFF"	NEMA 1B	2 NO mechanically interlocked (50ZA3C w/ 50ZAM)	2	50RA234	1
	B = Momentary pushbutton, less insert, flush A = Momentary pushbutton, less insert, flush	NEMA 1B	2 NO mechanically interlocked (50ZA3C w/ 50ZAM)	2	50RA2AA	1
	B = Momentary pushbutton, less insert, chrome plate, flush A = Momentary pushbutton, less insert, chrome plate, flush	NEMA 1B	2 NO mechanically interlocked (50ZA3C w/ 50ZAM)	2	50RA6AA	1
	B = Momentary pushbutton, flush, label "FORWARD" A = Momentary pushbutton, flush, label "REVERSE"	NEMA 1B	2 NO, 2 NC (2 - 50ZAC2)	2	50EA2KL	1
	B = Momentary pushbutton, flush, label "OPEN" A = Momentary pushbutton, flush, label "CLOSE"	NEMA 1B	2 NO, 2 NC (2 - 50ZAC2)	2	50EA2HJ	1
	B = Momentary pushbutton, flush, label "UP" A = Momentary pushbutton, flush, label "DOWN"	NEMA 1B	2 NO, 2 NC (2 - 50ZAC2)	2	50EA2NP	1
	B = Momentary pushbutton, flush, label "ON" A = Momentary pushbutton, flush, label "OFF"	NEMA 1B	2 NO, 2 NC (2 - 50ZAC2)	2	50EA234	1
	B = Momentary pushbutton, less insert, flush A = Momentary pushbutton, less insert, flush	NEMA1B	2 NO, 2 NC (2 - 50ZAC2)	2	50EA2AA	1
	B = Momentary pushbutton, less insert, chrome plate, flush A = Momentary pushbutton, less insert, chrome plate, flush	NEMA 1B	2 NO, 2 NC (2 - 50ZAC2)	2	50EA6AA	1

Class 50 Standard Duty Pushbutton Stations

5A 600V AC NEMA B600

Selection and ordering data

		Degree of protection	Contacts / voltage	Number of com- mand	Order No.	List Price \$	Pack
	Operator identification			points		1 unit	Unit
2 unit surface mount-momentary	B = Momentary pushbutton green, surface, label "START"	NEMA 1	1NO, 1NC (50ZAC1)	2	50FA3DC3		1
pushbutton and selector switch	A = Maintained selector switch, surface, label "HAND-OFF-AUTO"		2 NO 2SPDT w/ common jumper (50ZAC8)				
	B = Momentary pushbutton less insert,	NEMA 1	1NO, 1NC (50ZAC1)	2	50FA3AB9		1
	surface A = Maintained selector switch, multiple legends, surface		2 NO 2SPDT w/ common jumper (50ZAC8)				
	B = Indicator light, red, surface	NEMA 1	120/240V dual voltage	2	50HA3YC3		1
	A = Maintained selector switch, surface, label "HAND-OFF-AUTO"		(120PSB lamp) 2 NO 2SPDT w/ common jumper (50ZAC8)				
unit surface	B = Indicator light, red, surface	NEMA 1	120/240V dual voltage (120PSB lamp)	2	50HA32B9		1
nount-momentary oushbutton and ndicator light	A = Maintained selector switch, multiple legends, surface		2 NO 2SPDT w/ common jumper (50ZAC8)				
	B = Indicator light, green, surface A = Indicator light, red, surface	NEMA 1	120/240V dual voltage (120PSB lamp)	2	50GA3ZY		1
	B = Indicator light, less lens, surface A = Indicator light, less lens, surface	NEMA 1	120/240V dual voltage (120PSB lamp)	2	50GA322		1
unit flush	B = Momentary pushbutton green, flush,	NEMA1B	1NO, 1NC (50ZAC1)	2	50FA2DC3		1
nount-momentary oushbutton and elector switch	label "START" A = Maintained selector switch, flush, label "HAND-OFF-AUTO"		2 NO 2SPDT w/ common jumper (50ZAC8)				
	B = Momentary pushbutton less insert, flush	NEMA1B	1NO, 1NC (50ZAC1)	2	50FA2AB9		1
	A = Maintained selector switch, multiple legends, flush		2 NO 2SPDT w/ common jumper (50ZAC8)				
	B = Momentary pushbutton less insert chrome plate, flush	NEMA1B	1NO, 1NC (50ZAC1)	2	50FA6AB9		1
	A = Maintained selector switch, multiple legends, flush		2 NO 2SPDT w/ common jumper (50ZAC8)				
	B = Indicator light, red, flush A = Maintained selector switch, flush, label "HAND-OFF-AUTO"	NEMA 1B	120/240V dual voltage (120PSB lamp) 2 NO 2SPDT w/ common jumper (50ZAC8)	2	50HA2YC3		1
	B = Indicator light, less lens, flush A = Maintained selector switch, multiple legends, flush	NEMA1B	120/240V dual voltage (120PSB lamp) 2 NO 2SPDT w/ common jumper (50ZAC8)	2	50HA22B9		1
	B = Indicator light, less lens, chrome plate, flush A = Maintained selector switch, multiple legends, flush	NEMA 1B	120/240V dual voltage (120PSB lamp) 2 NO 2SPDT w/ common jumper (50ZAC8)	2	50HA62B9		1
unit flush	B = Indicator light, green, flush A = Indicator light, red, flush	NEMA1B	120/240V dual voltage (120PSB lamp)	2	50GA2ZY		1
nount-momentary pushbutton and ndicator light	B = Indicator light, less lens, flush A = Indicator light, less lens, flush	NEMA1B	120/240V dual voltage (120PSB lamp)	2	50GA222		1
<u> </u>	 B = Indicator light, less lens, chrome plate, flush A = Indicator light, less lens, chrome plate, 	NEMA1B	120/240V dual voltage (120PSB lamp)	2	50GA622		1
unit surface nount-momentary	flush C = Momentary pushbutton, surface, label "FORWARD"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2) 1NO - 1NC with common	3	50MA3KLE		1
pushbutton	B = Momentary pushbutton, surface, label "REVERSE" A = Momentary pushbutton, surface, label		jumper (50ZAC1)				
	"STOP" C = Momentary pushbutton, surface, label	NEMA 1	2 NO, 2 NC (2 - 50ZAC2)	3	50MA3NPE		1
	"UP" B = Momentary pushbutton, surface, label		1NO - 1NC with common jumper (50ZAC1)	5			
	"DOWN" A = Momentary pushbutton, surface, label "STOP"						
	C = Momentary pushbutton, surface, label "OPEN" B = Momentary pushbutton, surface, label "CLOSE"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2) 1NO - 1NC with common jumper (50ZAC1)	3	50MA3HJE		1
	A = Momentary pushbutton, surface, label "STOP"						

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Class 50 Standard Duty Pushbutton Stations

5A 600V AC NEMA B600

Selection and ordering data

	Operator identification	Degree of protection	Contacts / voltage	Number of com- mand points	Order No. List Price \$ 1 unit	Packs
3 unit surface mount-momentary pushbutton	C = Momentary pushbutton, surface, label "FAST" B = Momentary pushbutton, surface, label "SLOW" A = Momentary pushbutton, surface, label "STOP"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2) 1NO - 1NC with common jumper (50ZAC1)	3	50MA3TUE	1
	C = Momentary pushbutton, surface, label "START" B = Momentary pushbutton, surface, label "JOG" A = Momentary pushbutton, surface, label "STOP"	NEMA 1	2 NO, 2 NC (2 - 50ZAC2) 1NO - 1NC with common jumper (50ZAC1)	3	50MA3DME	1
	C = Momentary pushbutton, surface, label less insert B = Momentary pushbutton, surface, label less insert A = Momentary pushbutton, surface. label less insert	NEMA 1	2 NO, 2 NC (2 - 50ZAC2) 1NO - 1NC with common jumper (50ZAC1)	3	50MA3AAA	1
3 unit surface mount-momentary pushbutton and selector switch	C = Momentary pushbutton, surface, label "START" B = Momentary pushbutton, surface, label "STOP" A = Maintained selector switch, surface, label "HAND-OFF-AUTO"	NEMA 1	1 NO, 1 NC (50ZAC2) 2 NO, 2 SPST with common jumper (50ZAC8)	3	50LA3DEC3	1
	 C = Momentary pushbutton, less insert, surface B = Momentary pushbutton, less insert, surface A = Maintained selector switch, multiple legends, surface 	NEMA 1	1 NO, 1 NC (50ZAC2) 2 NO, 2 SPST with common jumper (50ZAC8)	3	50LA3AAB9	1
3 unit surface nount-momentary oushbutton and ndicator light	C = Indicator light, red, surface B = Momentary pushbutton, surface, label "START" A = Momentary pushbutton, surface, label "STOP"	NEMA 1	120/240V dual voltage (120PSB lamp) 1 NO, 1 NC (50ZAC2)	3	50JA3YDE	1
	C = Indicator light, green, surface B = Momentary pushbutton, surface, label "START" A = Momentary pushbutton, surface, label "STOP"	NEMA 1	120/240V dual voltage (120PSB lamp) 1 NO, 1 NC (50ZAC2)	3	50JA3ZDE	1
	C = Indicator light, less lens, surface B = Momentary pushbutton, less insert, surface A = Momentary pushbutton, less insert, surface	NEMA 1	120/240V dual voltage (120PSB lamp) 1 NO, 1 NC (50ZAC2)	3	50JA32AA	1
	C = Indicator light, green, surface B = Indicator light, red, surface A = Maintained selector switch, surface, label "HAND-OFF-AUTO"	NEMA 1	120/240V dual voltage (120PSB lamp) 2 NO, 2 SPST with common jumper (50ZAC8)	3	50NA3ZYC3	1
	C = Indicator light, less lens, surface B = Indicator light, less lens, surface A = Maintained selector switch, multiple legends, surface	NEMA 1	120/240V dual voltage (120PSB lamp) 2 NO, 2 SPST with common jumper (50ZAC8)	3	50NA322B9	1

Class 50 Standard Duty Pushbutton Stations

Heavy Duty - 10A 600V NEMA A600

Selection and ordering data



Pilot Devices

Description Description Number protection Number protection Order No. List Price 3: 1 unit Packs A = Momentary pushbultor green, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE1 1 A = Momentary pushbultor green, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE2 1 A = Momentary pushbultor green, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE5 1 A = Momentary pushbultor green, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE5 1 A = Manzaned selector which, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE3 1 A = Manzaned selector which, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE3 1 A = Manzaned selector which, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 1 50HATE3 1 A = Momentary pushbuttor green, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 2 50HAZE3 1 B = Momentary pushbuttor green, surface, table 157.KT ¹¹ NEMA 4 1NO - 1NC 2	lering data						
Amountary purphyton green, surface, label "STAPT" NEMA 4 IND - TNC 1 SPHATE1 1 A - Momentary purphyton red, surface, label "STOP" NEMA 4 IND - TNC 1 SPHATE1 1 A - Momentary purphyton red, surface, label "STOP" NEMA 4 IND - TNC 1 SPHATE1 1 A - Momentary purphyton red, surface, label "STOP" NEMA 4 IND - TNC 1 SPHATE1 1 A - Maintained selector switch, surface, label "STAPT FUW NEMA 4 IND - TNC 1 SPHATE1 1 A - Maintained selector switch, surface, label "STAPT" NEMA 4 IND - TNC 1 SPHATE1 1 A - Maintained selector switch, surface, label "CPT-NN" NEMA 4 IND - TNC 1 SPHATE1 1 A - Maintained selector switch, surface, label "CPT-NN" NEMA 4 IND - TNC 2 SPHATE2 1 A - Maintained selector switch, surface, label "CPTAPT" NEMA 4 IND - TNC 2 SPHATE2 1 B - Momentary purphyton red, surface, label "CPTAPT" NEMA 4 IND - TNC 2 SPHATE2 1 <tr< th=""><th></th><th></th><th>Contacts / voltage</th><th>of com- mand</th><th>Order No.</th><th>Price \$</th><th>Packs</th></tr<>			Contacts / voltage	of com- mand	Order No.	Price \$	Packs
Label "STAFT" NEMA 4 INO - INC 1 SORATE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMarinaria descriptor swifts, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMarinaria descriptor swifts, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMarinaria descriptor swifts, surface, NEMA 4 INO - INC 1 SORATE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 2 SORAZE1 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 2 SORAZE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 2 SORAZE2 1 a bMorentary publicution red, surface, NEMA 4 INO - INC 2 SORAZE2 <td< td=""><td>•</td><td></td><td></td><td></td><td></td><td>1 unit</td><td></td></td<>	•					1 unit	
Label STOP NEMA 4 INO - INC SOMA E4 A Momentary poshbuton green, surface, Madel TRESET NEMA 4 INO - INC 1 SOMA E5 1 A = Magnitude delector switch, surface, Madel TRESET NEMA 4 INO - INC 1 SOMA E5 1 A = Magnitude delector switch, surface, Madel TRESET NEMA 4 INO - INC 1 SOMA E5 1 A = Magnitude delector switch, surface, Mathatianed selector switch, surface,	label "START""						
Ibbol Test Test a Momentary pushbultor green, surface, about 3UG5 NEMA 4 1NO - 1NC 1 SOHA1ES 1 a Maintained selector switch, surface, about 3GE-CRUN NEMA 4 1NO - 1NC 1 SOHA1ES 1 a Maintained selector switch, surface, about 3GE-CRUN NEMA 4 1NO - 1NC 1 SOHA1ES 1 a Maintained selector switch, surface, about 3GE-CRUN NEMA 4 1NO - 1NC 1 SOHA1ES 1 a Maintained selector switch, surface, abaut 3MO-DFF-AUTO NEMA 4 1NO - 1NC 2 SOHA2E1 1 B = Momentary pushbutton green, surface, abaut 3CMWARD NEMA 4 1NO - 1NC 2 SOHA2E2 1 B = Momentary pushbutton green, surface, abaut 3CMWARD NEMA 4 1NO - 1NC 2 SOHA2E3 1 B = Momentary pushbutton green, surface, abaut 3CMWARD NO - 1NC 2 SOHA2E3 1 B = Momentary pushbutton green, surface, abaut 3CMWARD NO - 1NC 2 SOHA2E3 1 B = Momentary pushbutton green, surface, abaut 3CMWARD NEMA 4 1NO - 1NC 2 SOHA2		NEMA 4	1NO - 1NC	1	50HA1E2		1
Isbel 'JOG' -		NEMA 4	1NO - 1NC	1	50HA1E4		1
Ibbell'SAFE-RUN' NEMA 4 INO - INC 1 SOHA1E7 1 A - Maintained selector switch, surface, label "OFF-ON" NEMA 4 INO - INC 1 SOHA1E8 1 A = Maintained selector switch, surface, label "JOG-RUN" NEMA 4 INO - INC 1 SOHA1E9 1 B = Momentary pushbutton green, surface, label "JAND OFF-AUTO" 1 SOHA2E1 1 1 B = Momentary pushbutton green, surface, label "SATA" INO - INC 2 SOHA2E2 1 B = Momentary pushbutton red, surface, label "SOP" INO - INC 2 SOHA2E2 1 B = Momentary pushbutton red, surface, label "SOP" INO - INC 2 SOHA2E2 1 B = Momentary pushbutton red, surface, label "COWN" INO - INC 2 SOHA2E3 1 B = Momentary pushbutton red, surface, label "COWN" INO - INC 2 SOHA2E3 1 B = Momentary pushbutton red, surface, label "COFN" INO - INC 2 SOHA2E3 1 B = Momentary pushbutton red, surface, label "COFN" INO - INC 2 SOHA2E3 1 B = Momentary pushbutton red, surface, label "COFN" INO - INC 3 SOHA3E3		NEMA 4	1NO - 1NC	1	50HA1E5		1
Isbell "OFF-ON" NEMA NEMA NEMA NEMA A = Maintained selector switch, surface, Isbell "HAD-OFF-AUTO" NEMA 4 1NO - 1NC 1 50HA1E8 1 B = Momentary pushbuttor green, surface, Isbell "FAD-OFF-AUTO" NEMA 4 1NO - 1NC 2 50HA2E1 1 B = Momentary pushbuttor red, surface, Isbell "STOP" INO - 1NC 2 50HA2E2 1 B = Momentary pushbuttor red, surface, Isbell "STOP" INO - 1NC 2 50HA2E3 1 B = Momentary pushbuttor red, surface, Isbell "CP" INO - 1NC 2 50HA2E3 1 B = Momentary pushbuttor red, surface, Isbell "CP" INO - 1NC 2 50HA2E3 1 B = Momentary pushbuttor red, surface, Isbell "CPN" NEMA 4 INO - 1NC 2 50HA2E3 1 B = Momentary pushbuttor red, surface, Isbell "CUCN" NEMA 4 INO - 1NC 2 50HA2E5 1 B = Momentary pushbuttor red, surface, Isbell "CUCNE" NEMA 4 INO - 1NC 2 50HA2E5 1 B = Momentary pushbuttor red, surface, Isbell "CUCNE" NEMA 4 INO - 1NC 3 50HA3E1 1 B = Momentary pushbuttor red, surface, Isbell "CUCNE" INO - 1NC 3 50HA3E2 1 B = Momentary pushbuttor red, surface, Isbell "CUCNE" INO		NEMA 4	1NO - 1NC	1	50HA1E6		1
Itabel 'JOG-RUN' Item A = Maintained selector switch, surface, label 'START' NEMA 4 1NO - 1NC 1 50HA1E9 1 B = Momentary pushbutton green, surface, label 'STOP' INO - 1NC 2 50HA2E1 1 B = Momentary pushbutton red, surface, label 'STOP' INO - 1NC 2 50HA2E2 1 B = Momentary pushbutton green, surface, label 'STOP' INO - 1NC 2 50HA2E3 1 B = Momentary pushbutton green, surface, label 'STOP' INO - 1NC 2 50HA2E3 1 B = Momentary pushbutton green, surface, label 'CPOWA'' INO - 1NC 2 50HA2E3 1 B = Momentary pushbutton green, surface, label 'CPOWA'' INO - 1NC 2 50HA2E4 1 B = Momentary pushbutton green, surface, label 'CONW'' INO - 1NC 2 50HA2E4 1 A = Momentary pushbutton green, surface, label 'CONW'' INO - 1NC 2 50HA2E5 1 A = Momentary pushbutton green, surface, label 'CONW'' INO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label 'NO - 1NC INO - 1NC <		NEMA 4	1NO - 1NC	1	50HA1E7		1
Be - HAND-OFF-AUTC ¹ New Year NEMA 4 INO - 1NC 2 50HA2E1 1 B = Momentary pushbutton green, surface, label 'STAPT' INO - 1NC 2 50HA2E2 1 B = Momentary pushbutton green, surface, label 'STAPT' INO - 1NC 2 50HA2E2 1 B = Momentary pushbutton green, surface, label 'REWARD' NEMA 4 1NO - 1NC 2 50HA2E2 1 B = Momentary pushbutton green, surface, label 'REWARD' NEMA 4 1NO - 1NC 2 50HA2E3 1 B = Momentary pushbutton green, surface, label 'DOWN' NEMA 4 1NO - 1NC 2 50HA2E3 1 B = Momentary pushbutton green, surface, label 'DOWN' NEMA 4 1NO - 1NC 2 50HA2E3 1 B = Momentary pushbutton green, surface, label 'COSE' INO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, label 'COSE' INO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label 'COSE' INO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label 'REWERSE INO - 1NC 3 </td <td></td> <td>NEMA 4</td> <td>1NO - 1NC</td> <td>1</td> <td>50HA1E8</td> <td></td> <td>1</td>		NEMA 4	1NO - 1NC	1	50HA1E8		1
Label 'START' INO - 1NC A - Momentary pushbutton red, surface, IAO - 1NC SoHA2E2 1 Iabel 'STOP' INO - 1NC SoHA2E2 1 Iabel 'STOP' INO - 1NC SoHA2E2 1 Iabel 'REVERSE' INO - 1NC SoHA2E3 1 B - Momentary pushbutton red, surface, Iabel 'REVERSE' NEMA 4 INO - 1NC 2 SoHA2E3 1 B - Momentary pushbutton red, surface, Iabel 'REVERSE' INO - 1NC 2 SoHA2E4 1 Iabel 'CLOSE' INO - 1NC 2 SoHA2E5 1 Iabel 'CLOSE' INO - 1NC 2 SoHA2E5 1 Iabel 'CLOSE' INO - 1NC 2 SoHA2E5 1 Iabel 'CLOSE' INO - 1NC 3 SoHA2E5 1 Iabel 'CLOSE' INO - 1NC 3 SoHA3E1 1 Iabel 'CLOSE' INO - 1NC 3 SoHA3E1 1 Iabel 'CLOSE' INO - 1NC 3 SoHA3E1 1 Iabel 'CLOSE' INO - 1NC 3 SoHA3E2 1 Iabel 'STOP' INO - 1NC 3 SoHA3E		NEMA 4	1NO - 1NC	1	50HA1E9		1
Label "STOP" Link B = Momentary pushbutton green, surface, label "FORWARD" NEMA 4 1NO - 1NC 2 50HA2E2 1 B = Momentary pushbutton red, surface, label "REVERSE" INO - 1NC 2 50HA2E3 1 B = Momentary pushbutton red, surface, label "COWN" INO - 1NC 2 50HA2E3 1 B = Momentary pushbutton red, surface, label "ODWN" INO - 1NC 2 50HA2E4 1 B = Momentary pushbutton red, surface, label "COWN" INO - 1NC 2 50HA2E5 1 B = Momentary pushbutton red, surface, label "CLOSE" INO - 1NC 2 50HA2E5 1 B = Momentary pushbutton red, surface, label "CLOSE" INO - 1NC 2 50HA2E5 1 B = Momentary pushbutton red, surface, label "SLOW" INO - 1NC 3 50HA3E1 1 C = Momentary pushbutton red, surface, label "SLOW" INO - 1NC 3 50HA3E1 1 B = Momentary pushbutton red, surface, label "SCOW" INO - 1NC 3 50HA3E2 1 C = Momentary pushbutton red, surface, label "SCOW" INO - 1NC 3 50HA3E2 1 B = Momentary pushbutton red, surface, label "SCOW" INO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "SCOP" INO - 1NC 3<		NEMA 4	1NO - 1NC	2	50HA2E1		1
Iabel *FORWARD" A- Momentary pushbutton red, surface, iabel *REVERSE* INO - 1NC B = Momentary pushbutton green, surface, iabel *DOWN* INO - 1NC 2 50HA2E3 1 A = Momentary pushbutton green, surface, iabel *DOWN* INO - 1NC 2 50HA2E4 1 B = Momentary pushbutton green, surface, iabel *DOWN* INO - 1NC 2 50HA2E4 1 B = Momentary pushbutton green, surface, iabel *CLOSE* INO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, iabel *CLOSE* INO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, iabel *SLOW* INO - 1NC 3 50HA3E1 1 A = Momentary pushbutton green, surface, iabel *REVERSE* INO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, iabel *SLOW* INO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, iabel *SLOP* INO - 1NC 3 50HA3E2 1 C = Momentary pushbutton green, surface, iabel *SLOW* INO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, iabel *SLOW* INO - 1NC 3 50HA3E3 1			1NO - 1NC				
B = Momentary pushbutton green, surface, label "DDW" NEMA 4 1NO - 1NC 2 50HA2E3 1 A = Momentary pushbutton red, surface, label "DDW" INO - 1NC 2 50HA2E4 1 B = Momentary pushbutton green, surface, label "DDW" NEMA 4 1NO - 1NC 2 50HA2E4 1 B = Momentary pushbutton green, surface, label "CDSE" NEMA 4 1NO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 3 50HA2E5 1 A = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, label "SCHW NEMA 4 1NO - 1NC 3		NEMA 4	1NO - 1NC	2	50HA2E2		1
A = Momentary pushbutton red, surface, label "DOWN" INO - 1NC B = Momentary pushbutton green, surface, label "OPEN" NEMA 4 1NO - 1NC 2 50HA2E4 1 A = Momentary pushbutton green, surface, label "CLOSE" NEMA 4 1NO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, label "FAST" NEMA 4 1NO - 1NC 2 50HA2E5 1 C = Momentary pushbutton green, surface, label "FAST" NEMA 4 1NO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label "FOWWAPD" NEMA 4 1NO - 1NC 3 50HA3E1 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, label "DOWN" NEMA 4 1NO - 1NC 3 50HA3E2 1 A = Momentary pushbutton green, surface, label "DOWN" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "DOWN" NEMA 4 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1			1NO - 1NC				
Iabel "DOŴN" International and the second		NEMA 4	1NO - 1NC	2	50HA2E3		1
A = Momentary pushbutton red, surface, label "CLOSE" 1NO - 1NC 2 50HA2E5 1 B = Momentary pushbutton green, surface, label "FAST" NEMA 4 1NO - 1NC 2 50HA2E5 1 A = Momentary pushbutton red, surface, label "SLOW" 1NO - 1NC 3 50HA3E1 1 C = Momentary pushbutton green, surface, label "FORWARD" NEMA 4 1NO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label "FORWARD" NEMA 4 1NO - 1NC 3 50HA3E2 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E2 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50H			1NO - 1NC				
Iabel "CLÓŠE" Nematary pushbutton green, surface, label "FAST" NEMA 4 1NO - 1NC 2 50HA2E5 1 A = Momentary pushbutton red, surface, label "SLOW" 1NO - 1NC 3 50HA3E1 1 C = Momentary pushbutton green, surface, label "FORWARD" NEMA 4 1NO - 1NC 3 50HA3E1 1 B = Momentary pushbutton green, surface, label "FORWARD" NEMA 4 1NO - 1NC 3 50HA3E2 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E2 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E2 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 <t< td=""><td></td><td>NEMA 4</td><td>1NO - 1NC</td><td>2</td><td>50HA2E4</td><td></td><td>1</td></t<>		NEMA 4	1NO - 1NC	2	50HA2E4		1
Iabel "FAST" INO - 1NC Iabel "SLOW" INO - 1NC Iabel "SLOW" NEMA 4 1NO - 1NC Iabel "CORWARD" INO - 1NC B = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC C = Momentary pushbutton red, surface, Iabel "STOP" INO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" NEMA 4 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC 3 C = Momentary pushbutton red, surface, Iabel "STOP" INO - 1NC 3 C = Momentary pushbutton green, surface, Iabel "STOP" NEMA 4 1NO - 1NC 3 C = Momentary pushbutton green, surface, Iabel "STOP" NEMA 4 1NO - 1NC 3 C = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, Iabel "STOP" INO - 1NC 3 50HA3E4 1 <tr< td=""><td></td><td></td><td>1NO - 1NC</td><td></td><td></td><td></td><td></td></tr<>			1NO - 1NC				
Iabel "SLOW" INC. INC. C = Momentary pushbutton green, surface, Iabel "FORWARD" NEMA 4 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "REVERSE" 1NO - 1NC C = Momentary pushbutton red, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "DOWN" 1NO - 1NC A = Momentary pushbutton green, surface, Iabel "DOWN" 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "START" 1NO - 1NC C = Momentary pushbutton green, surface, Iab	label "FAST"	NEMA 4	1NO - 1NC	2	50HA2E5		1
Iabel "FORWARD" INO - 1NC Iabel "FEVERSE" 1NO - 1NC A = Momentary pushbutton green, surface, IAO - 1NC 1NO - 1NC Iabel "STOP" 1NO - 1NC B = Momentary pushbutton green, surface, IAO - 1NC 3 B = Momentary pushbutton green, surface, IAO - 1NC 3 Iabel "UP" 50HA3E2 B = Momentary pushbutton green, surface, IAO - 1NC 1NO - 1NC Iabel "DOWN" A = Momentary pushbutton green, surface, INO - 1NC Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, IAO - 1NC 3 Iabel "STOP" 50HA3E3 C = Momentary pushbutton green, surface, INO - 1NC 3 Iabel "CLOSE" 1NO - 1NC Iabel "STOP" 50HA3E3 C = Momentary pushbutton green, surface, INO - 1NC 3 Iabel "STOP" 50HA3E9 C = Momentary pushbutton green, surface, INO - 1NC 3 Iabel "STOP" 3 C = Momentary pushbutton green, surface, INO - 1NC 3 Iabel "STOP" 50HA3E9 1 C = Momentary pushbutton green, surface, INO - 1NC 3 Iabel "STOP" 50HA3E4 1	label "SLOW"						
Iabel "REVERSE" 1NO - 1NC A = Momentary pushbutton red, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "UP" NEMA 4 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "DOWN" 1NO - 1NC 3 50HA3E2 1 C = Momentary pushbutton green, surface, Iabel "COWN" 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, Iabel "OPEN" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, Iabel "CLOSE" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton red, surface, Iabel "FAST" 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, Iabel "SLOW" NEMA 4 1NO - 1NC 3 50HA3E4 1 Iabel "STOP" INO - 1NC 3 50HA3E4 1	label "FORWARD"	NEMA 4		3	50HA3E1		1
label "STOP"C = Momentary pushbutton green, surface, label "UP"NEMA 41NO - 1NC350HA3E21B = Momentary pushbutton green, surface, label "DOWN"1NO - 1NC1NO - 1NC11C = Momentary pushbutton green, surface, label "OPEN"1NO - 1NC350HA3E31B = Momentary pushbutton green, surface, label "OPEN"NEMA 41NO - 1NC350HA3E31B = Momentary pushbutton green, surface, label "CLOSE"1NO - 1NC350HA3E31C = Momentary pushbutton green, surface, label "STOP"1NO - 1NC350HA3E91C = Momentary pushbutton green, surface, label "STOP"1NO - 1NC350HA3E91C = Momentary pushbutton green, surface, label "STOP"1NO - 1NC350HA3E91C = Momentary pushbutton green, surface, label "JOG"1NO - 1NC350HA3E91B = Momentary pushbutton green, surface, label "STOP"1NO - 1NC350HA3E41C = Momentary pushbutton green, surface, label "STOP"1NO - 1NC350HA3E41C = Momentary pushbutton green, surface, label "FAST"1NO - 1NC350HA3E41B = Momentary pushbutton green, surface, label "FAST"1NO - 1NC350HA3E41B = Momentary pushbutton green, surface, label "SLOW"1NO - 1NC350HA3E41A = Momentary pushbutton red, surface, label "SLOW"1NO - 1NC350HA3E41	label "REVERSE"		1NO - 1NC				
Iabel "UP" B = Momentary pushbutton green, surface, INO - 1NC Iabel "DOWN" 1NO - 1NC A = Momentary pushbutton red, surface, Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, Iabel "OPEN" NEMA 4 1NO - 1NC B = Momentary pushbutton green, surface, Iabel "CLOSE" 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, Iabel "START" NEMA 4 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, Iabel "STOP" 1NO - 1NC 3 50HA3E4 1 C = Momentary pushbutton green, surface, Iabel "FAST" 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, Iabel "SLOW" NEMA 4 1NO - 1NC 3 50HA3E4 1 A = Momentary pushbutton green, surface, Iabel "SLOW" NO - 1NC 3 50HA3E4 1 A = Momenta	A = Momentary pushbutton red, surface, label "STOP"		1NO - 1NC				
B = Momentary pushbutton green, surface, label "DOWN" 1NO - 1NC A = Momentary pushbutton red, surface, label "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, label "OPEN" NEMA 4 1NO - 1NC B = Momentary pushbutton green, surface, label "CLOSE" 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E4 1 C = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, label "STOW" NEMA 4 1NO - 1NC 3 50HA3E4 1 A = Momentary pushbutton green, surface, label "SLOW"		NEMA 4	1NO - 1NC	3	50HA3E2		1
A = Momentary pushbutton red, surface, label "STOP" 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton green, surface, label "OENSE" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "CLOSE" 1NO - 1NC 3 50HA3E3 1 A = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "JOG" NEMA 4 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E4 1 C = Momentary pushbutton green, surface, label "SLOW" NEMA 4 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 50HA3E4 1 A = Momentary pushbutton red, surface, label "SLOW" 1NO - 1NC 3 50HA3E4 1	B = Momentary pushbutton green, surface,		1NO - 1NC				
C = Momentary pushbutton green, surface, label "OPEN" NEMA 4 1NO - 1NC 3 50HA3E3 1 B = Momentary pushbutton green, surface, label "CLOSE" 1NO - 1NC 3 50HA3E3 1 C = Momentary pushbutton red, surface, label "STOP" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "START" NEMA 4 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, label "JOG" NEMA 4 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 50HA3E4 1 C = Momentary pushbutton green, surface, label "STOP" NEMA 4 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, label "SLOW" NEMA 4 1NO - 1NC 3 50HA3E4 1 A = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 50HA3E4 1	A = Momentary pushbutton red, surface,		1NO - 1NC				
B = Momentary pushbutton green, surface, label "CLOSE" 1NO - 1NC A = Momentary pushbutton red, surface, label "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, label "START" NEMA 4 1NO - 1NC B = Momentary pushbutton green, surface, label "START" 1NO - 1NC 3 B = Momentary pushbutton green, surface, label "START" 1NO - 1NC 3 C = Momentary pushbutton green, surface, label "JOG" 1NO - 1NC 3 A = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 C = Momentary pushbutton green, surface, label "STOP" 1NO - 1NC 3 C = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 A = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 A = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 A = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3	C = Momentary pushbutton green, surface,	NEMA 4	1NO - 1NC	3	50HA3E3		1
Iabel "STOP" Iabel "STOP" C = Momentary pushbutton green, surface, label "START" NEMA 4 1NO - 1NC 3 50HA3E9 1 B = Momentary pushbutton green, surface, label "JOG" 1NO - 1NC 3 50HA3E9 1 C = Momentary pushbutton red, surface, label "STOP" 1NO - 1NC 3 50HA3E4 1 C = Momentary pushbutton green, surface, label "FAST" NEMA 4 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, label "SLOW" NEMA 4 1NO - 1NC 3 50HA3E4 1 A = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 50HA3E4 1	B = Momentary pushbutton green, surface,		1NO - 1NC				
Iabel "START" INO - 1NC B = Momentary pushbutton green, surface, 1NO - 1NC Iabel "JOG" 1NO - 1NC Iabel "STOP" 1NO - 1NC C = Momentary pushbutton green, surface, NEMA 4 1NO - 1NC Iabel "FAST" 1NO - 1NC 3 B = Momentary pushbutton green, surface, 1NO - 1NC 3 Iabel "FAST" 1NO - 1NC 3 A = Momentary pushbutton green, surface, 1NO - 1NC 1 Iabel "SLOW" 1NO - 1NC 1			1NO - 1NC				
Iabel "JOG" INO - 1NC A = Momentary pushbutton red, surface, IADO - 1NC INO - 1NC Iabel "STOP" Soldaset C = Momentary pushbutton green, surface, NEMA 4 1NO - 1NC Iabel "FAST" INO - 1NC B = Momentary pushbutton green, surface, IADO - 1NC 1NO - 1NC Iabel "SLOW" INO - 1NC	label "START"	NEMA 4		3	50HA3E9		1
A = Momentary pushbutton red, surface, label "STOP" 1NO - 1NC 3 50HA3E4 1 C = Momentary pushbutton green, surface, label "FAST" NEMA 4 1NO - 1NC 3 50HA3E4 1 B = Momentary pushbutton green, surface, label "SLOW" 1NO - 1NC 3 50HA3E4 1 A = Momentary pushbutton red, surface, 1NO - 1NC 1 1 1			1NO - 1NC				
Iabel "FAST" B = Momentary pushbutton green, surface, Iabel "SLOW" A = Momentary pushbutton red, surface, INO - 1NC	A = Momentary pushbutton red, surface,		1NO - 1NC				
B = Momentary pushbutton green, surface, 1NO - 1NC label "SLOW" 1NO - 1NC		NEMA 4	1NO - 1NC	3	50HA3E4		1
A = Momentary pushbutton red, surface, 1NO - 1NC	B = Momentary pushbutton green, surface,		1NO - 1NC				
	A = Momentary pushbutton red, surface,		1NO - 1NC				

Class 50 Standard Duty Pushbutton Stations

Standard Duty Station Accessories

Selection and ordering data

Legend inscription insert for snap-on mounting

Inscription	Color	Order No.	List Price \$	Pack
			1 unit	Unit
Close	Orange	50D53493005		1
Down	Orange	50D53493010		1
Fast	Black	50D53493013		1
Forward	Green	50D53493006		1
High	Black	50D53493015		1
Hoist	Green	50D53493011		1
Jog	Black	50D53493008		1
Low	Black	50D53493016		1
Lower	Orange	50D53493012		1
Off	Red	50D53493018		1
On	Green	50D53493017		1
Open	Green	50D53493004		1
Reverse	Orange	50D53493007		1
Slow	Black	50D53493014		1
Start	Green	50D53493001		1
Stop	Red	50D53493002		1
Stop (raised)	Red	50D53493003		1
Up	Green	50D53493009		1

æ 50ZAC1

Replacement lamps

Slide base, lamp type 120PSB



50ZAC8

	Version	Suitable for	Color	Order No.	List Price \$	Pack
0					1 unit	Unit
ې۲	Mushroom head		Red	50ZMH		1
Ó	Padlock attachment	Used only for raised buttons		50ZAL		1
50ZAC2	Mechanical interlock kit			50ZAM		1
	Contact blocks 1NO, 1NC 2NO, 2SPST 1NO, 1NC 1NO, 1NO	Single button Selector switch Two button Two button		50ZAC1 50ZAC8 50ZAC2 50ZAC3		1 1 1
	Pilot light	120/240V Dual Voltage, no len	IS	50ZAC6		1
	Pilot light lens		Red Green	50ZPL01 50ZPL02		1 1
	Pendant Bracket	1 & 2 unit station 3 unit station		50ZAP2 50ZAP3		1 1

1

Pilot Devices

Heavy Duty Station Accessories

50D21983001

Version	Suitable for	Color	Order No.	List Price \$	Pack
				1 unit	Unit
Pushbutton caps	NEMA 4 control stations NEMA 4 control stations	Red Black	BHP15X BHP16X		1 1

Class 50 type 1, 1B 120V

Class 50 Standard Duty Pushbutton Stations

Standard Duty - 5A 600V NEMA B600

Dimension drawings

1 Unit Station Surface Mounting-Type 1



1 Unit Station Flush Mounting-Type 1B



2 Pushbutton Stations Flush Mounting-Type 1B



2 Unit Station Flush Mounting-Type 1B



2 Unit Stations Surface Mounting-Type 1





Ref Dwg D22161 & D22163 Approx Ship wt 1's lbs

3 Unit Stations Surface Mounting



17-236



1 Unit Stations-Type 4









Pilot Devices

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Features

- Octagonal Mounting Nuts
- Meets Type 1, 3, 3R, 4, 4X, 12, 13 and Automotive Standards
- Heavy Duty Rated NEMA A600/P600
 Contacts
- Positive Indexing Selectors
- Bifurcated Movable Contacts
- Attractive Chrome Plating
- Boots Not Required for Type 4
- UL Listed File # E22655
- CSA Certified File # LR6535
- Touchsafe Terminals

Application

Oil tight pilot controls and accessories are designed to provide long, trouble free service in the most demanding industrial applications. These controls are oil and dust tight and meet Type 3, 4, 4X, 12 and 13 specifications.

Rugged

Industrial control operators are durable one piece castings. Heavy duty plastic buttons resist oils and corrosion. Silver contacts carry heavy duty ratings.

Flexible

Accessories modify standard push buttons, selector switches and pilot lights. Building block construction of contact blocks makes possible many circuitry combinations.

Industrial Appearance

Pilot controls add luster to panels. Chrome plating covers exposed metal parts.

Push Button Operators

The Operator Base consists of a durable, one piece casting equipped with a heavy duty actuator with a stainless steel spring, a neoprene actuator sealing ring to prevent oil and dust from penetrating to the contact blocks, a neoprene gasket to seal operator mounting hole and a chrome plated lock nut.

Mushroom Head Push Button Operators

The Mushroom Head base construction is identical to the push button base. The actuator is molded of high impact material for either a 1 5/8 inch or 2 1/2 inch diameter molded head.



Pilot Light

E-STOP Mushroom Head Operators according to EN 60947-5-5 Cat. No. 52BP, 52BR, 52PP, and 52PR, 2 Position, Twist-To-Release & 2 Position, Push Pull Maintained operators provided with red operating heads and 52BJK contact blocks meet the requirements of EN 60947-5-5 for Electrical Emergency Stop Device With Mechanical Latching Function (e-stop).

Contact Blocks

Contact Blocks have double break bifurcated silver contacts, with gold flashing as standard, which improves contact reliability. Contact blocks are heavy duty rated NEMA A600 and suitable for applications down to 5V/1MA solid state outputs. 52BJK offers Positive Opening Contacts according to IEC 60947-5-1, Appendix K. Molded bodies and pushers resist arcing and tracking. All units have stainless steel springs that resist corrosion and provide strong contact pressure. Captive mounting screws speed panel assembly.

Push Pull Operators

Push Pull Operators combine two or three functions in one unit. The maintained operator has two positions, typically pull to start, push to stop. The momentary operator with three positions provides spring return from both pull and push positions. In addition, a three position push maintained, pull momentary operator is available. The actuator come is 1 3/4 inch or 2 1/2 inch diameter and is available in an illuminated version.

2 Button Maintained Operator

Maintained Push Buttons consist of two push buttons and a latching assembly. When actuated the button remains depressed and is freed only by the release operator to which it is linked. The button assembly adjusts for mounting from a 1 13/16 inch to a 2 58 inch center.

Transformer Type Pilot Lights

Transformer Type Pilot Lights are available with a 120, 240, 480 or 600 Volt primary (50/60 Hertz) and a separate secondary winding which supplies reduced voltage to a miniature bayonet base 6 Volt lamp. These units are suitable for applications where vibration is present and long bulb life is desirable.

Full Voltage Type Pilot Lights

Full Voltage Pilot Lights are available for 6,12, 24 and 120 Volt AC and DC applications.



Push Button



Selector Operator

Pushbutton Complete Units

Electrical Ratings

NEMA AC Ratings 50/60Hz NEMA A600 10 Continuous Amps

Volts	Make	Break
120	60	6
240	30	3
480	15	1.5
600	12	1.2
VA	7200	720

Ordering Information

- Accessories see page 17-268 17-271.
- Selector Position and Contact Operation page 17-266.
- · Legend Plates see page 17-278.
- Enclosures see page 17-277.

Resistor Type Pilot Lights

Resistor Type Pilot Lights are available for 240 Volt AC and DC applications. The 240 Volt pilot light is supplied with a 120 Volt lamp and a voltage dropping resistor.

LED Type Pilot Lights

LED's (light emitting diodes) can be used in pilot lights instead of incandescent bulbs because of their long life (up to 10 years), resistance to vibration and ambient sensitivity. Clusted LED options are available for standard pilot lights only. Cluster LED options are not available on Push to test Pilot Lights, Illuminated Pushbuttons, Push-pull, or Twist-to-Release Operators.

Integrated LED Module Type Pilot Lights

The integrated LED module is available for 24, 120, and 240 V. LED modules are vibration resistant and have a long life (up to 10 years). The integrated LED module is available for 24, 120, and 240 V. LED modules are vibration resistant and have a long life (up to 10 yrs.).

Selector Operators

Selector Operators have positive action indexing. Operators are available with either a short or long lever. The molded black lever is designed to accept a color insert. A white insert is provided as standard. Each operator is equipped with a cam to actuate plungers of contact blocks assembled behind the operator. Two, three and four position operators are available with seven different cams.

Lever color inserts are available in 8 colors.



Selector Push Operation

Pilot Devices

17-237

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Pushbutton Complete Units

Selection and ordering data

Version	Color of actuator	Contact blocks	Flush cap order no.	Extended cap order no.	List Price	Mushroom head order no.	List Price	Pack
					\$		\$	Unit
Pushbutton unit with assembled contact blocks ^①	black red green yellow	1 NO 1 NO 1 NO 1 NO	52PA8A1K 52PA8A2K 52PA8A3K 52PA8A4K	52PA8B1K 52PA8B2K 52PA8B3K 52PA8B4K		52PB9□1K 52PB9□2K 52PB9□3K 52PB9□4K		1
Pushbutton with flush cap	blue gray orange	1 NO 1 NO 1 NO	52PA8A5K 52PA8A6K 52PA8A8K	52PA8B5K 52PA8B6K 52PA8B8K		52PB9□5K 52PB9□6K 52PB9□8K		
	black red green yellow	1 NC 1 NC 1 NC 1 NC	52PA8A1J 52PA8A2J 52PA8A3J 52PA8A4J	52PA8B1J 52PA8B2J 52PA8B3J 52PA8B4J		52PB9□1J 52PB9□2J 52PB9□3J 52PB9□4J		1
Pushbutton with extended cap	blue gray orange	1 NC 1 NC 1 NC	52PA8A5J 52PA8A6J 52PA8A8J	52PA8B5J 52PA8B6J 52PA8B8J		52PB9□5J 52PB9□6J 52PB9□8J		
	black red green yellow	1 NO + 1 NC 1 NO + 1 NC 1 NO + 1 NC 1 NO + 1 NC	52PA8A1A 52PA8A2A 52PA8A3A 52PA8A3A	52PA8B1A 52PA8B2A 52PA8B3A 52PA8B4A		52PB9□1A 52PB9□2A 52PB9□3A 52PB9□4A		1
	blue gray orange	1 NO + 1 NC 1 NO + 1 NC 1 NO + 1 NC	52PA8A5A 52PA8A6A 52PA8A8A	52PA8B5A 52PA8B6A 52PA8B8A		52PB9□5A 52PB9□6A 52PB9□8A		
	black red green yellow	2 NO 2 NO 2 NO 2 NO	52PA8A1F 52PA8A2F 52PA8A3F 52PA8A4F	52PA8B1F 52PA8B2F 52PA8B3F 52PA8B4F		52PB9□1F 52PB9□2F 52PB9□3F 52PB9□4F		1
Pushbutton with 2 1/2" mushroom head	blue gray orange	2 NO 2 NO 2 NO	52PA8A5F 52PA8A6F 52PA8A8F	52PA8B5F 52PA8B6F 52PA8B8F		52PB9□5F 52PB9□6F 52PB9□8F		
	black red green yellow	2 NC 2 NC 2 NC 2 NC 2 NC	52PA8A1G 52PA8A2G 52PA8A3G 52PA8A3G	52PA8B1G 52PA8B2G 52PA8B3G 52PA8B4G		52PB9□1G 52PB9□2G 52PB9□3G 52PB9□4G		1
	blue gray orange	2 NC 2 NC 2 NC	52PA8A5G 52PA8A6G 52PA8A8G	52PA8B5G 52PA8B6G 52PA8B8G		52PB9⊟5G 52PB9⊟6G 52PB9⊟8G		
	black red green yellow	2 NO + 2 NC 2 NO + 2 NC 2 NO + 2 NC 2 NO + 2 NC 2 NO + 2 NC	52PA8A1B 52PA8A2B 52PA8A3B 52PA8A4B	52PA8B1B 52PA8B2B 52PA8B3B 52PA8B4B		52PB9□1B 52PB9□2B 52PB9□3B 52PB9□4B		1
	blue gray orange	2 NO + 2 NC 2 NO + 2 NC 2 NO + 2 NC	52PA8A5B 52PA8A6B 52PA8A8B	52PA8B5B 52PA8B6B 52PA8B8B		52PB9□5B 52PB9□6B 52PB9□8B		
				e nead - 1 5/8" (41.3 head - 2.5" (63.5 r		DE		

① For other contact block assemblies replace the 8th digit catalog number as follows:

- C = 3 NO + 3NC
- D = 4 NO + 4NC
- E = 1 NC (EB)
- H = 1 NO (EM)

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Push Pull Complete Units

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack	
		actuator	DIOCKS	Plastic Head	\$	Metal Head	\$	Unit	
2 Position push-pull non-illuminated	2 Position Push Pull, Maintained ^③ Non-Illuminated								
Alerto	1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2WZA		52PP2AZA		1	
		red green yellow chrome	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2W2A 52PP2W3A 52PP2W4A 		52PP2A2A 52PP2A3A 52PP2ACA			
OD	2 1/2" (63.5 mm) mushroom head	less operating head red green yellow	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2VZA 52PP2V2A 52PP2V3A 52PP2V4A				1	
001		chrome	1NO - 1NC	- -					
Position push-pull on-illuminated	3 Position Push Pull, Momentary Non-Illuminated (Pull to start, push to stop) ^①								ľ
	1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3WZU		52PP3AZU		1	
		red	1NO - 1NC 1NO - 1NC	52PP3W2U 52PP3W3U		52PP3A2U 52PP3A3U			
		green yellow chrome	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3W30 52PP3W4U -		52PP3ASU 52PP3ACU			
and and	2 1/2" (63.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3VZU				1	
		red green yellow chrome	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3V2U 52PP3V3U 52PP3V4U —					
	3 Position Push Pull, Push Maintained, Pull Momentary Non-Illuminated (Pull to start, push to stop) ^①								
	1 3/4" (44.5 mm) mushroom head	less operating	1NO - 1NC	52PP7WZU		52PP7AZU		1	
		head red green yellow chrome	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7W2U 52PP7W3U 52PP7W4U 		52PP7A2U 52PP7A3U 52PP7ACU			
	2 1/2" (63.5 mm) mushroom head	less operating	1NO - 1NC	52PP7VZU				1	
		head red	1NO - 1NC	52PP7V2U					1
		green	1NO - 1NC	52PP7V3U					
		yellow chrome	1NO - 1NC 1NO - 1NC	52PP7V4U —					
	Color options ^{®:}	blue		1 5 6 8					
		grey orange		8					

① Blocks cannot be interchanged (start-stop circuit).

2 To order a color option, replace the 7th digit of the order number.

③ EMERGENCY-STOP control devices according to IEC 60947-5-5 when provided with red operating head and 52BJK contact blocks.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Push pull complete units

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
				Plastic Head	\$	Metal Head	\$	Unit
2 Position push-pull illuminated	2 Position Push Pull, Maintained Illuminated, Integrated LED Module							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2LRA 52PP2LSA 52PP2LTA		52PP2L2A 52PP2L3A 52PP2L9A		1
	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2MRA 52PP2MSA 52PP2MTA		52PP2M2A 52PP2M3A 52PP2M9A		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2NRA 52PP2NSA 52PP2NTA		52PP2N2A 52PP2N3A 52PP2N9A		1
	2 Position Push Pull, Maintained $^{\textcircled{M}}$ Illuminated, Full Voltage $^{\textcircled{M}}$							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2DZA		-		1
	with 52AADN, 24 V 757 type lamp or option: B = 52AED*, 24 V Single LED [®]	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2DRA 52PP2DSA —		52PP2D2A 52PP2D3A 52PP2D9A		
	2 Position Push Pull, Maintained $^{\textcircled{M}}$ Illuminated, Transformer $^{\textcircled{D}}$							
	120 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2GZA		-		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2GRA 52PP2GSA 52PP2GTA		52PP2G2A 52PP2G3A 52PP2G9A		
	240 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2HZA		-		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED®	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2HRA 52PP2HSA 52PP2HTA		52PP2H2A 52PP2H3A 52PP2H9A		
	480 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2JZA		-		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2JRA 52PP2JSA 52PP2JTA		52PP2J2A 52PP2J3A 52PP2J9A		
	600V AC	less operating	1NO - 1NC	52PP2KZA		-		1
	1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2KRA 52PP2KSA 52PP2KTA		52PP2K2A 52PP2K3A 52PP2K9A		
	Color option	ns^{©:} black blue grey				5 A B		

① LED option available. For single LED only, append B to the end of the ordernumber. Single LEDs available for all colors. LED color and lens color must match.LED option is not available on units sold "less operating head". Example: Single LED: 52PP2HRAB

⁽²⁾ To order a color option, replace the 7th digit of the order number.

③ Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 17-271, for complete catalog number.

④ EMERGENCY-STOP control devices according to IEC 60947-5-5 when provided with red operating head and 52BJK contact blocks.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Push Pull Complete Units

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
		dolddiol	bioono	Plastic Head	\$	Metal Head	\$	Unit
3 Position push-pull illuminated	3 Position Push Pull, Momentary Illuminated, Integrated LED Module							
and and a second second	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3LRU 52PP3LSU 52PP3LTU		52PP3L2U 52PP3L3U 52PP3L9U		1
E	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3MRU 52PP3MSU 52PP3MTU		52PP3M2U 52PP3M3U 52PP3M9U		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3NRU 52PP3NSU 52PP3NTU		52PP3N2U 52PP3N3U 52PP3N9U		1
	3 Position Push Pull, Momentary Illuminated, Full Voltage (Pull to start, push to stop) [@]							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3DZU		52PP3DZU		1
	with 52AADN, 24 V 757 type lamp or option: B = 52AED*, 24 V Single LED®	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3DRU 52PP3DSU 52PP3DTU		52PP3D2U 52PP3D3U 52PP3D9U		
	3 Position Push Pull, Momentary Illuminated, Transformer $^{\textcircled{O}}$ (Pull to start, push to stop) $^{\textcircled{O}}$							
	120 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3GZU		52PP3GZU		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]		1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3GRU 52PP3GSU 52PP3GTU		52PP3G2U 52PP3G3U 52PP3G9U		
	240 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3HZU		52PP3HZU		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]		1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3HRU 52PP3HSU 52PP3HTU		52PP3H2U 52PP3H3U 52PP3H9U		
	480 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3JZU		52PP3JZU		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED®		1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3JRU 52PP3JSU 52PP3JTU		52PP3J2U 52PP3J3U 52PP3J9U		
	600V AC	less operating	1NO - 1NC	52PP3KZU		52PP3KZU		1
	1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3KRU 52PP3KSU 52PP3KTU		52PP3K2U 52PP3K3U 52PP3K9U		
	Color options	3 ^{3:} blue clear white				5 A B		

① LED option available. For single LED only, append B to the end of the order number. Single LEDs available for all colors. LED color and lens color must match. LED option is not available on units sold "less operating head". Example: Single LED: 52PP3G2UB ② Blocks cannot be interchanged (start-stop circuit).

③ To order a color option, replace the 7th digit of the order number.

④ Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 17-271, for complete catalog number.

Pilot Devices



30 mm Heavy Duty, Watertight/Oiltight, Class 52

Push Pull Complete Units

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List F Price	Pack
				Plastic Head	\$	Metal Head		Unit
3 Position push-pull illuminated	3 Position Push Pull, Push Maintained, Pull Momentary Illuminated, Integrated LED Module (Pull to start, push to stop) [®]							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7LRU 52PP7LSU 52PP7LTU		52PP7L2U 52PP7L3U 52PP7L9U		1
()))	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7MRU 52PP7MSU 52PP7MTU		52PP7M2U 52PP7M3U 52PP7M9U		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7NRU 52PP7NSU 52PP7NTU		52PP7N2U 52PP7N3U 52PP7N9U		1
	3 Position Push Pull, Momentary Push Maintained, Pull Momentary Illuminated, Full Voltage [®] (Pull to start, push to stop) [®]							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP7DZU		52PP7DZU		1
	with 52AADN, 24 V 757 type lamp or option: B = 52AED*, 24 V Single LED $^{\odot}$		1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7DRU 52PP7DSU 52PP7DTU		52PP7D2U 52PP7D3U 52PP7D9U		
	3 Position Push Pull, Momentary Push Maintained, Pull Momentary Illuminated, Transformer ^① (Pull to start, push to stop) ^②							
	120 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP7GZU		52PP7GZU		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED®	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7GRU 52PP7GSU 52PP7GTU		52PP7G2U 52PP7G3U 52PP7G9U		
	240 V AC	less operating	1NO - 1NC	52PP7HZU		52PP7HZU		1
	1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7HRU 52PP7HSU 52PP7HTU		52PP7H2U 52PP7H3U 52PP7H9U		
	480 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP7JZU		52PP7JZU		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED®	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7JRU 52PP7JSU 52PP7JTU		52PP7J2U 52PP7J3U 52PP7J9U		
	600V AC	less operating	1NO - 1NC	52PP7KZU		52PP7KZU		1
	1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7KRU 52PP7KSU 52PP7KTU		52PP7K2U 52PP7K3U 52PP7K9U		
	Color options [®]	: blue clear white				5 A B		

① LED option available. For single LED only, append B to the end of the order number. Single LEDs available for all colors. LED color and lens color must match. LED option is not available on units sold "less operating head".

Example: Single LED: 52PP7JTUB

② Blocks cannot be interchanged (start-stop circuit).

③ To order a color option, replace the 7th digit of the order number.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Selection and ordering data

Twist-to-release complete units

Pilot Devices

	Version	Color of actuator	Contact blocks	Order no.	List Price	Pack
			Siccito	Plastic Head	\$	Unit
2 Position twist-to-release non-illuminated	2 Position Twist-To-Release, Maintained [®] Non-Illuminated					
and the second s	1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PR8WZA		1
		red green yellow	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8W2A 52PR8W3A 52PR8W4A		
2 Position twist-to-release illuminated	2 Position Twist-To-Release, Maintained [®] Illuminated, Integrated LED Module					
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8LRA 52PR8LSA 52PR8LTA		1
	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8MRA 52PR8MSA 52PR8MTA		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8NRA 52PR8NSA 52PR8NTA		1
	2 Position Twist-To-Release, Maintained [®] Illuminated, Full Voltage [®]					
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head with 52AADN, 24V 757 type lamp or option:	less operating head	1NO - 1NC	52PR8DZA		1
	B = 52AED*, 24V Single LED®	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8DRA 52PR8DSA 52PR8DTA		
	2 Position Twist-To-Release, Maintained [®] Illuminated, Transformer [®]					
	120 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PR8GZA		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8GRA 52PR8GSA 52PR8GTA		
	240 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PR8HZA		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8HRA 52PR8HSA 52PR8HTA		
	480 V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PR8JZA		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB [*] , 6 V Single LED ^{$@$}	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8JRA 52PR8JSA 52PR8JTA		
	600V AC 1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PR8KZA		1
	with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED [®]	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PR8KRA 52PR8KSA 52PR8KTA		

① LED option available. For single LED only, append B to the end of the order number. Single LEDs available for all colors. LED color and lens color must match. LED option is not available on units sold "less operating head".
Example: Single LED: 52PR8GSAB

(2) Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 17-271, for complete catalog number.

③ EMERGENCY-STOP control devices according to IEC 60947-5-5 when provided with red operating head and 52BJK contact blocks.

Product Category PILO

17-243

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Selector switch complete units

Selection and ordering data

	Version	Lever type	Contact blocks	Cam [®]	Order no.	List Price	Pacl
						•	
	Selector Switches with 2 switching p	ositions				\$	unit
	Maintained operation	Short lever, non-Illuminated	1NO	Α	52SA2AABK1		1
	·	Short lever, non-Illuminated	1NC	Α	52SA2AABJ1		
hort lever assembled elector switch		Short lever, non-Illuminated	1NO + 1NC	Α	52SA2AABA1		
elector switch		Long lever, non-Illuminated	1NO	Α	52SB2AABK1		
		Long lever, non-Illuminated	1NC	Α	52SB2AABJ1		
		Long lever, non-Illuminated	1NO + NC	Α	52SB2AABA1		
A CONTRACT	Spring return from right operation	Short lever, non-Illuminated	1NO	Α	52SA2ACBK1		1
and the second	- p	Short lever, non-Illuminated	1NC	A	52SA2ACBJ1		
		Short lever, non-Illuminated	1NO + 1NC	A	52SA2ACBA1		
		Long lever, non-Illuminated	1NO + 1NC 1NO	Ā	52SB2ACBK1		
		Long lever, non-Illuminated	1NC	Â	52SB2ACBJ1		
		Long lever, non-Illuminated	1NO + 1NC	Â	52SB2ACBA1		
	Selector Switches with 3 switching p	ositions					-
			1NO + 1NC	с	52SA2CABA1		
	Maintained operation	Short lever, non-Illuminated		G			
ong lever assembled		Short lever, non-Illuminated	2NC + 1NO	-	52SA2GABJ2K1		
elector switch		Short lever, non-Illuminated	2NO + 2NC 1NO + 1NC	с с	52SA2CABA2 52SB2CABA1		
		Long lever, non-Illuminated	2NC + 1NO	G	52SB2GABJ2K1		
			2NO + 2NC	C	52SB2GABJ2KT		
		Long lever, non-Illuminated	2110 + 2110	U	JZSBZCABAZ		
SHA FILL	Spring return from right	Short lever, non-Illuminated	1NO + 1NC	С	52SA2CCBA1		
		Short lever, non-Illuminated	2NC + 1NO	G	52SA2GCBJ2K1		
are a		Short lever, non-Illuminated	2NO + 2NC	С	52SA2CCBA2		
		Long lever, non-Illuminated	1NO + 1NC	С	52SB2CCBA1		
		Long lever, non-Illuminated	2NC + 1NO	G	52SB2GCBJ2K1		
		Long lever, non-Illuminated	2NO + 2NC	С	52SB2CCBA2		
	Spring return from left	Short lever, non-Illuminated	1NO + 1NC	с	52SA2CBBA1		
		Short lever, non-Illuminated	2NC + 1NO	G	52SA2GBBJ2K1		
		Short lever, non-Illuminated	2NO + 2NC	C	52SA2CBBA2		
		Long lever, non-Illuminated	1NO + 1NC	C	52SB2CBBA1		
		Long lever, non-Illuminated	2NC + 1NO	G	52SB2GBBJ2K1		
		Long lever, non-Illuminated	2NO + 2NC	С	52SB2CBBA2		
	Spring return from right & left operation	Short lever, non-Illuminated	1NO + 1NC	с	52SA2CDBA1		
		Short lever, non-Illuminated	2NC + 1NO	G	52SA2GDBJ2K1		
		Short lever, non-Illuminated	2NO + 2NC	C	52SA2CDBA2		
		Long lever, non-Illuminated	1NO + 1NC	C	52SB2CDBA1		
		Long lever, non-Illuminated	2NC + 1NO	G	52SB2GDBJ2K1		
		Long lever, non-Illuminated	2NO + 2NC	С	52SB2CDBA2		

① For contact operation, see cam selection table on page 17-266.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Keyed selector switch complete units

Selection and ordering data

	Version	Lever type	Contact blocks	Cam [®]	Order no.	List Price	Pac
						\$	unit
	Key-operated selector switches, 2 sw		110	•	52SC6AFK1		
sembled keyed	Maintained operation	Key removable in left positions		A			1
lector switch		Key removable in left positions		A	52SC6AFJ1		
		Key removable in left positions	1NO + 1NC	Α	52SC6AFA1		
		Key removable in all positions	1NO	Α	52SC6AEK1		1
		Key removable in all positions	1NC	Α	52SC6AEJ1		
9		Key removable in all positions	1NO + 1NC	Α	52SC6AEA1		
5	Spring return from right operation	Key removable in left positions	1NO	А	52SC6AXK1		
		Key removable in left positions		Α	52SC6AXJ1		
		Key removable in left positions	1NO + 1NC	A	52SC6AXA1		
	Key-operated selector switches, 3 sw	vitching positions					-
	Maintained operation	Key removable in all positions	1NC + 1NO	С	52SC6CEA1		
		Key removable in all positions	2NC + 1NO	G	52SC6GEJ2K1		
		Key removable in all positions	2NO + 2NC	С	52SC6CEA2		
	Spring return from right operation	Key removable in all positions	1NO + 1NC	с	52SC6CZA1		
		Key removable in all positions	2NC + 1NO	G	52SC6GZJ2K1		
		Key removable in all positions	2NO + 2NC	с	52SC6CZA2		
	Spring return from left operation	Key removable in all positions	1NO + 1NC	с	52SC6CUA1		
		Key removable in all positions	2NC + 1NO	G	52SC6GUJ2K1		
		Key removable in all positions	2NO + 2NC	С	52SC6CUA2		
	Spring return from right & left operation	Key removable in all positions	1NO + 1NC	с	52SC6CVA1		
		Key removable in all positions	2NC + 1NO	G	52SC6GVJ2K1		
		Key removable in all positions	2NO + 2NC	с	52SC6CVA2		

(1) For contact operation, see cam selection table on page 17-266.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Indicator Lights

Selection and ordering data

	Version	Color of Contact actuator blocks	Order no. List Pric		st Pac ice
			Plastic Lens	Glass Lens	
lot light	Indicator Light		\$	\$	Uni
TRO	Integrated LED Module 24V AC/DC	red green amber	52PL4L2 52PL4L3 52PL4L9	52PL5L2 52PL5L3 52PL5L9	1
	120V AC	red green amber	52PL4M2 52PL4M3 52PL4M9	52PL5M2 52PL5M3 52PL5M9	1
E	240V AC	red green amber	52PL4N2 52PL4N3 52PL4N9	52PL5N2 52PL5N3 52PL5N9	1
	Indicator Light Full Voltage $^{\odot}$				
	24V AC/DC with 52AADN, 24V 757 type lamp or option: XB = 52AED*, 24V Single LED [®] XY = 52AED*7, 24V Cluster LED [®]	less operating head red green amber	52PL4DN 52PL4D2 52PL4D3 52PL4D9	52PL5DN 52PL5D2 52PL5D3 52PL5D3 52PL5D9	1
	120V AC with 52AAENC1, 120 V 120MB type lamp or option: XB = 52AEE*, 120 V Single LED [®] XY = 52AEE*7, 120 V Cluster LED [®]	less operating head red green amber	52PL4EN 52PL4E2 52PL4E3 52PL4E9	52PL5EN 52PL5E2 52PL5E3 52PL5E9	1
	Indicator Light Transformer $^{\odot}$				
	120V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED [®] XY = 52AEB*7, 6 V Cluster LED [®]	less operating head red green amber	52PL4GN 52PL4G2 52PL4G3 52PL4G9	52PL5GN 52PL5G2 52PL5G3 52PL5G9	1
	240V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED [®] XY = 52AEB*7, 6 V Cluster LED [®]	less operating head red green amber	52PL4HN 52PL4H2 52PL4H3 52PL4H9	52PL5HN 52PL5H2 52PL5H3 52PL5H3 52PL5H9	1
	480V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED [®] XY = 52AEB*7, 6 V Cluster LED [®]	less operating head red green amber	52PL4JN 52PL4J2 52PL4J3 52PL4J9	52PL5JN 52PL5J2 52PL5J3 52PL5J9	
	600V AC with 52AABN, 6 V 755 type lamp or	less operating head	52PL4KN 52PL4K2	52PL5KN	
	option: XB = 52AEB*, 6 V Single LED ^③ XY = 52AEB*7, 6 V Cluster LED ^③	red green amber	52PL4K2 52PL4K3 52PL4K9	52PL5K2 52PL5K3 52PL5K9	
	Color code tabl	e ^{®:} blue clear white	5 A B	5 A B	

① LED option available. For single LED, append XB to the end of the order number. For a cluster LED, append XY to the end of the order number. Single LEDs available for all colors, while cluster LEDs are available for red, green and amber only. LED color and lens color must match. LED option is not available on units sold "less operating head". Example: Single LED: 52PL5G3XB Cluster LED: 52PL5G3XY ② To order a color option, replace the last digit of the order number.

③ Replace asterisk (*) in LED part number with color option that matches

lens. See replacement lamps on page 17-271, for complete catalog number.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Indicator Light Operators

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
				Operators with Incan- descent lamp	\$	Operators with LED lamp ³	\$	Unit
Pilot light	Indicator light with plastic lens - Resistor type $\text{AC}^{\textcircled{02}}$							
	240 V, 52PC4N with 52AAENC1, 120 V 120MB type lamp or 240 V, 52PE4N with 52AEE* Single-LED®	red green amber less lens		52PC4N2 52PC4N3 52PC4N9 52PC4NN		52PE4N2 52PE4N3 52PE4N9 		1
	Push to test indicator light with plastic lens - Resistor type AC/DC [®]							
	120V with 24V 757 type lamp, or 24V LED	red green amber less lens	1NC + 1NO 1NC + 1NO 1NC + 1NO 1NC + 1NO	52PA6M2A 52PA6M3A 52PA6M9A 52PA6MNA		52PE6M2A 52PE6M3A 52PE6M9A —		1
	240V with 24V 757 type lamp, or 24V LED	red green amber less lens	1NC + 1NO 1NC + 1NO 1NC + 1NO 1NC + 1NO	52PA6N2A 52PA6N3A 52PA6N9A 52PA6NNA		52PE6N2A 52PE6N3A 52PE6N9A —		1
	Color code table ^{®:} blue clear white			5 A B		5 A B		

Wiring Diagrams



① All illuminated devices come with std. Touch-safe shield per UL standards except where noted (Resistor Type Pilot Devices are not touch safe).

- 2 For factory installed glass lens, replace the 5th character with "5".
- ③ LED color and lens color must match. LED option is not available on units sold "less operating head". Resistor Type Pilot Devices with Standard Incandescent lamps are provided with different value resistors than pilot devices ordered using the LED option. LED lamps can only be installed in pilot lights that are ordered from the factory utilizing the LED option suffix.
- ④ For factory installed lens guard, add suffix "V". ⑤ Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 17-271, for complete catalog number.



30 mm Heavy Duty, Watertight/Oiltight, Class 52

Pushbutton Operators Only

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Pack
		addator		Plastic Lens		_
					\$	Unit
ish to test	Illuminated pushbutton / Push to test Integrated LED Module					
	24V AC/DC	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6L2A 52PT6L3A 52PT6L9A		1
GID	120V AC	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6M2A 52PT6M3A 52PT6M9A		1
	240V AC	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6N2A 52PT6N3A 52PT6N9A		1
	Illuminated pushbutton / Push to test Full Voltage $^{\rm O}$					
	24V AC/DC with 52AADN, 24V 757 type lamp or option: B = 52AED*, 24V Single LED3)	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6DNA 52PT6D2A 52PT6D3A 52PT6D9A		
	Illuminated pushbutton / Push to test $\ensuremath{Transformer}\xspace^{\ensuremath{\mathbb{D}}\xspace}$					
	120V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6GNA 52PT6G2A 52PT6G3A 52PT6G9A		
	240V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6HNA 52PT6H2A 52PT6H3A 52PT6H9A		
	480V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head red	1NO - 1NC 1NO - 1NC	52PT6JNA 52PT6J2A		
		green amber	1NO - 1NC 1NO - 1NC	52PT6J3A 52PT6J9A		
	600V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PT6KNA 52PT6K2A 52PT6K3A 52PT6K9A		
	Color code tab	blue clear white		5 A B		

Wiring Diagrams





① LED option available. For single LED only, append B to the end of the order number. Single LEDs available for all colors. LED color and lens color must match. LED option is not available on units sold "less operating head" Example: Single LED: 52PT6D3AB (Cluster LED option is not available for PTT Pilot Lights.)

(2) To order a color option, replace the 7th digit of the order number.

③ Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 17-271, for complete catalog number.

(4) For factory installed lens guard, add suffix "V".

Product Category PILO

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Pushbutton and push-pull operators

Selection and ordering data

	Version	Color of actuator	Order no.	List	Pack
				Price	-
				\$	Linit
	Pushbutton with flush cap	black	52PA8A1	Φ	Unit 1
		red	52PA8A2		
luch puchbutton operator		green	52PA8A3		
lush pushbutton operator		yellow	52PA8A4		
		blue	52PA8A5		
		gray	52PA8A6		
		orange	52PA8A8		
		less cap	52PA8		
		kit with all colors	52PA8AN		
	Pushbutton with extended cap	black	52PA8B1		1
		red	52PA8B2		
		green	52PA8B3		
		yellow	52PA8B4		
		blue	52PA8B5		
		gray	52PA8B6		
		orange	52PA8B8		
		less cap	52PA8		
		kit with all colors	52PA8BN		
	Pushbutton with mushroom cap	black	52PB9D1		1
	1 5/8" (41.3mm), set screw	red	52PB9D2		
		green	52PB9D3		
		yellow	52PB9D4		
		blue	52PB9D5		
		gray	52PB9D6		
		orange	52PB9D8		
		less cap	52PB9		
		kit with all colors	52PB9DN		
	2 1/2" (63.5mm), set screw	black	52PB9E1		1
		red	52PB9E2		
		green	52PB9E3		
		yellow	52PB9E4		
		blue	52PB9E5		
		gray	52PB9E6		
		orange	52PB9E8		
		less cap	52PB9		
		less cap with lens kit	52PB9EN		
	2 position push pull maintained, non illuminated				
	Metal Mushroom Head, 1 3/4" (44.5 mm) threaded on	red	52PP2A2		1
		green	52PP2A3		
		chrome	52PP2AC		
	Small Plastic Mushroom Head, 1 3/4" (44.5 mm)	black	52PP2W1		1
	threaded on	red	52PP2W2		
		green	52PP2W3		
	Largo Plastic Mushroom Hood 0 1/0" (CO E mm)	black	52PP2V1		
	Large Plastic Mushroom Head, 2 1/2" (63.5 mm) threaded on	black			1
		red green	52PP2V2 52PP2V3		
		-			-
	2 position twist to release, maintained,				
	non-illuminated	rod	50000M/0		
		red	52PR8W2		1
	non-illuminated Small Plastic Mushroom Head, 1 3/4" (44.5 mm)	red green	52PR8W2 52PR8W3		1

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Version

Selector Switch Operators

List

Price

Pack

Order no.

Color of Input Voltage Code ⁽²⁾

Selection and ordering data





		insert			•	
Selector Switches with 2 switching posi	tions				\$	
Maintained operation	Non-Illuminated, short lever	White		A	52SA2AAB	
	Non-Illuminated, long lever	White		Α	52SB2AAB	
	Illuminated, short lever $^{\textcircled{0}}$ with full voltage 24V, 755 type lamp		24V	Α	52SA7ADN	
			24V	Α	52SA7ALN	
	Illuminated, short lever $^{(1)}$		120V	Α	52SA7AGN	
	with 50/60 Hz transformer 6V, 755 type lamp		240V	Α	52SA7AHN	
Spring return from right operation	Non-Illuminated, short lever	White		Α	52SA2ACB	
	Non-Illuminated, long lever	White		Α	52SB2ACB	
Selector Switches with 3 switching posi	tions					
Maintained operation	Non-Illuminated, short lever	White		в	52SA2BAB	
	Non-Illuminated, long lever	White		в	52SB2BAB	
	Non-Illuminated, short lever	White		c 3	52SA2CAB	
	Non-Illuminated, long lever	White		C ③	52SB2CAB	
	Non-Illuminated, short lever	White		D	52SA2DAB	
	Non-Illuminated, long lever	White		D	52SB2DAB	
	Non-Illuminated, short lever	White		E	52SA2EAB	
	Non-Illuminated, long lever	White		Е	52SB2EAB	
	Non-Illuminated, short lever	White		G	52SA2GAB	
	Non-Illuminated, long lever	White		G	52SB2GAB	
	Illuminated, short lever $^{(1)}$		24V	в	52SA7BDN	
	with full voltage 24V, 757 type lamp		24V	C 3	52SA7CDN	
			24V	в	52SA7BLN	
			24V	č	52SA7CLN	
	Illuminated, short lever ^①		120V	B	52SA7BGN	
	with 50/60 Hz transformer 6V,		120V	c ③	52SA7CGN	
	755 type lamp		240V	в	52SA7BHN	
			240V	C ³	52SA7CHN	
Spring return from right operation	Non-Illuminated, short lever	White		в	52SA2BCB	
	Non-Illuminated, long lever	White		в	52SB2BCB	
	Non-Illuminated, short lever	White		C ③	52SA2CCB	
	Non-Illuminated, long lever	White		C ③	52SB2CCB	
	Non-Illuminated, short lever	White		D	52SA2DCB	
	Non-Illuminated, long lever	White		D	52SB2DCB	
	Non-Illuminated, short lever	White		Е	52SA2ECB	
	Non-Illuminated, long lever	White		Е	52SB2ECB	
	Non-Illuminated, short lever	White		G	52SA2GCB	
	Non-Illuminated, long lever	White		G	52SB2GCB	
Spring return from left operation	Non-Illuminated, short lever	White		в	52SA2BBB	
Spring return from left operation	Non-Illuminated, short lever Non-Illuminated, long lever	White White		в	52SA2BBB 52SB2BBB	
Spring return from left operation	*			В С ③		
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever	White White White		в	52SB2BBB	
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever	White White White White		B C ③ C ③ D	52SB2BBB 52SA2CBB	
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever	White White White White White		B C 3 C 3 D D	52SB2BBB 52SA2CBB 52SB2CBB 52SA2DBB 52SA2DBB	
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever	White White White White White White		B C 3 C 3 D D E	52SB2BBB 52SA2CBB 52SB2CBB 52SA2DBB 52SA2DBB 52SB2DBB 52SA2EBB	
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever	White White White White White White White		B C ③ C ③ D E E	52SB2BBB 52SA2CBB 52SB2CBB 52SA2DBB 52SB2DBB 52SB2EBB 52SB2EBB	
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever	White White White White White White White White		B C ③ C ③ D E E G	52SB2BBB 52SA2CBB 52SB2CBB 52SA2DBB 52SB2DBB 52SA2EBB 52SA2EBB 52SA2EBB	
Spring return from left operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever	White White White White White White White		B C ③ C ③ D E E	52SB2BBB 52SA2CBB 52SB2CBB 52SA2DBB 52SB2DBB 52SB2EBB 52SB2EBB	
Spring return from left operation Spring return from left and right operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever	White White White White White White White White White White		B C C D D E E G G B	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SB2EBB 52SB2EBB 52SA2GBB 52SB2GBB 52SA2BDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever	White White White White White White White White White White White		B C C D D E E G G B B	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SA2EBB 52SA2EBB 52SA2GBB 52SA2GBB 52SA2GBB 52SA2BDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever	White White White White White White White White White White White White		B C C D D E E G G B B C S	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SA2EBB 52SB2EBB 52SA2GBB 52SB2GBB 52SA2BDB 52SA2BDB 52SB2BDB 52SB2BDB 52SA2CDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever	White White White White White White White White White White White White		B C D D E E G G B B C S C S C S C S C S C S C S C S C S	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SB2BB 52SB2EBB 52SB2GBB 52SA2GBB 52SA2BDB 52SA2BDB 52SB2BDB 52SB2CDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever	White White White White White White White White White White White White White White		B C D D E E G G B B C © C 0 D C 0 D C 0 D D C 0 D D D C 0 D D D C 0 D D D D	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SB2BB 52SB2CBB 52SB2CDB 52SA2CDB 52SA2DDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, short lever	White White White White White White White White White White White White White White White White		B © © C © D D E E G G B B © © C © D D D D D D D D D D D D D D D D	52SB2BBB 52SA2CBB 52SB2CBB 52SB2CBB 52SB2DBB 52SB2EBB 52SB2EBB 52SB2GBB 52SA2CDB 52SB2CDB 52SB2CDB 52SB2DDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, short lever	White White White White White White White White White White White White White White White White		B © C © D D E E G G B B C C © D D E E C D D E E E G G D D E E E G G C D D E E E C C D D E E E C C D C E E C C C C	52SB2BBB 52SA2CBB 52SB2CBB 52SB2CBB 52SB2DBB 52SA2EBB 52SA2EBB 52SA2GBB 52SA2GBB 52SA2GBB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2DDB 52SA2EDB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever	White White White White White White White White White White White White White White White White White		B © © D D E E G G B B © © D D E E E G D D D E E E G B B C C D D E E E C D D E E E E E E E E E E	52SB2BBB 52SA2CBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2BB 52SB2BB 52SB2GBB 52SB2GBB 52SB2CDB 52SB2CDB 52SB2CDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SB2DB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever	White White White White White White White White White White White White White White White White White White		8 © © D D E E G G B B © © D D E E G G D D E E G	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SB2DBB 52SB2CBB 52SB2GBB 52SB2GBB 52SA2CDB 52SB2CDB 52SB2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB	
Spring return from left and right operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever	White White White White White White White White White White White White White White White White White		B © © D D E E G G B B © © D D E E E G D D D E E E G B B C C D D E E E C D D E E E E E E E E E E	52SB2BBB 52SA2CBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2BB 52SB2BB 52SB2GBB 52SB2GBB 52SB2CDB 52SB2CDB 52SB2CDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SA2DDB 52SB2DB	
	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever	White White White White White White White White White White White White White White White White White White		8 © © D D E E G G B B © © D D E E G G D D E E G	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SB2DBB 52SB2CBB 52SB2GBB 52SB2GBB 52SA2CDB 52SB2CDB 52SB2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB	
Spring return from left and right operation	Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, long lever Non-Illuminated, short lever Non-Illuminated, long lever	White White White White White White White White White White White White White White White White White White		8 © © D D E E G G B B © © D D E E G G D D E E G	52SB2BBB 52SA2CBB 52SB2CBB 52SB2DBB 52SB2DBB 52SB2DBB 52SB2CBB 52SB2GBB 52SB2GBB 52SA2CDB 52SB2CDB 52SB2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB 52SA2CDB	

Lever type

① Illuminated selector switches are provided without lenses. Lens kit must be ordered sepa-rately on page 17-269.

17-250

 For contact operation, see cam selection chart on page 17-266.

(3) The C cam is limited to 4 contact blocks, 1 or 2 pole.

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Selector Switch Operators

Selection and ordering data

Version	Button	Color of lever insert	Cam Code ①	Order no.	List Price	Pack
					\$	unit
Selector Pushbutton Operators - 2 Positi	on					
NEMA 12/13 only	Flush	Black	Р	52SA3P1		1
·	Flush Flush	Black Black	Q R	52SA3Q1 52SA3R1		
	Flush	Red	Р	52SA3P2		1
	Flush Flush	Red Red	Q R	52SA3Q2 52SA3R2		
	Extended 1/2"	Black	Р	52SA4P1		1
	Extended 1/2" Extended 1/2"	Black Black	Q R	52SA4Q1 52SA4R1		
	Extended 1/2"	Red	Р	52SA4P2		1
	Extended 1/2" Extended 1/2"	Red Red	Q R	52SA4Q2 52SA4R2		
Selector Pushbutton Operators - 3 Positi	on					-
NEMA 12/13 only	Flush Flush	Black Red	s s	52SA3S1 52SA3S2		1
	Extended 1/2" Extended 1/2"	Black Red	s s	52SA4S1 52SA4S2		1

 For contact operation, see cam selection chart on page 17-266.

17<u>-251</u>

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Keyed selector switch operators

Selection and ordering data



position Code ⁽¹⁾ Price	Selection and ordering							
Key-operated selector Switches with 2 switching positions Bantained operation 501CH A 532C6AE Spring return from right operation Canter 501CH A 532C6AE Spring return from right operation Canter 501CH A 532C6AE Key-operated selector Switches with 3 switching positions Suit CH B 532C6AE Mantained operation Aut 532C6AE 532C6AE Left 501CH A 532C6AE Conter 501CH B 532C6AE Conter		Version	Key removal position	Lock No.	Cam Code ^①	Order no.	Price	Pack
Maintained operation Both SOICH A SSSC6AF Spring return from right operation Center SOICH A SSSC6AF Maintained operation Center SOICH B SSSC6AF Left SOICH B SSSC6AF SSSC6AF B SSSC6AF SSSC6AF SSSC6AF <							\$	unit
Left 50/CH A 525/GBF Spring return from right operation Center 50/CH A 525/GBF Maintained operation All 50/CH B 525/GBF 525/GBF Left 50/CH B 0 525/GBF 525/GBF 525/GBF Left 50/CH B 0 525/GBF 525/GBF 525/GBF Left 50/CH B 0 525/GBF 525/GBF 525/GBF Right 50/CH B 525/GBF					Δ	528C64E		1
Key-operated delector Switches with 3 ewitching position: All 501CH B CSSC60E SSSC60E Left 501CH B CSSC60E SSSC60E SS								
Maintained operation All S01CH B CSCORE SSCORE Left 501CH B SSCORE SSCORE SSCORE Left 501CH B SSCORE SSCORE SSCORE Right S01CH B SSCORE SSCORE SSCORE Right S01CH B SSCORE SSCORE SSCORE Centar S01CH B SSCORE SSSCORE SSCORE Centar S01CH B SSCORE SSSCORE SSSCORE SSCORE SSCORE SSSCORE SSSCORE SSSCORE SSSCORE SSSCORE SSSCORE SSSCORE SSSCORE SSSSCORE	STUD				Α	52SC6AX		1
Loft 501CH 853CCCE 853CCCF 85					_			
Left S01CH B S25C6FF S25C6FF C 2 S25C6FF C 3 S25C6FF		Maintained operation	All	501CH	C 2	52SC6CE 52SC6DE 52SC6EE		1
Right 501CH G SS2CGE B SS2CGE SS2CGE B Conter 501CH B SS2CGE SS2CGE B SS2CGE SS2CGE B Conter 501CH B SS2CGE SS2CGE B SS2CGE SS2CGE B Left and right 501CH B SS2CGE SS2CGE B SS2CGE SS2CGE B Left and right 501CH B SS2CGE B SS2CGE SS2CGE B Left and center 501CH B SS2CGE B SS2CGE SS2CGE B Spring return from right operation Center 501CH B SS2CGE SS2CGE B Spring return from right operation Center 501CH B SS2CGE SS2CGE B Spring return from right operation Center 501CH B SS2CGE SS2CGE B Spring return from left operation Center 501CH B SS2CGE SS2CGE B Spring return from left operation Center 501CH B SS2CGE SS2CGE B SS2CGE B SS2CGE SS2CGE B SS2CGE SS2CGE B SS2CGE SS2CGE B SS2CGE SS2CGE B Center and right 501CH B SS2CGE SS2CGE			Left	501CH	В С [©] D	52SC6BF 52SC6CF 52SC6DF		1
Center 501CH 525060 525060 Center 501CH 6 525060 Center 501CH 6 525060 Center 501CH 6 525060 S25060 525060 525060 Center 501CH 6 525060 S25060 525060 525060 Center 501CH 6 525060 S25060 525060 525060 Center 501CH 8 525060 Center 501CH 8 525060 Spring return from right operation Center 501CH 8 525060 Spring return from right operation Center 501CH 8 525060 Spring return from left operation Center 501CH 8 525060 Spring return from left operation Center 501CH 8 525060 Spring return from left operation Center 501CH 8 525060 Spring return from left operation Center			Dist	504011	G	52SC6GF		
Center S01CH G S25C6G C 0 525C6H 0 B 525C6H 0 B 525C6H 0 C 0 525C6H B 525C6H 0 C 0 525C6H C 0 525C6H C 0 525C6H C 0 525C6H Spring return from right operation Center 501CH B 525C6H Spring return from right operation Center 501CH B 525C6H C 525C6H 6 525C6H 6 525C6H C 525C6H 6 525C6H 6 <td< td=""><td></td><td></td><td>Right</td><td>501CH</td><td>C ② D E</td><td>52SC6CG 52SC6DG</td><td></td><td>1</td></td<>			Right	501CH	C ② D E	52SC6CG 52SC6DG		1
Effective Spring return from left operation Center SolitCH G S2SC6EH Spring return from left operation Center SolitCH B S2SC6EV Spring return from left operation Center SolitCH B S2SC6EV Spring return from left operation Center SolitCH B S2SC6EV Spring return from left operation Center SolitCH B S2SC6EV Spring return from left operation Center SolitCH B S2SC6EV Coltar SolitCH B S2SC6EV S2SC6EV Coltar SolitCH Coltar SolitCH S2SC6EV Coltar SolitCH S2SC6EV S2SC6EV S2SC6EV Coltar SolitCH S2SC6EV S2SC6EV S2SC6EV Coltar SolitCH S2SC6EV S2SC6EV S2SC6EV SolitCH S2SC6EV S2SC6EV S2SC6EV S2SC6EV Coltar special locks for keyed different keys S2SC6EV S2SC6EV S2SC6EV Coltar sp			Center	501CH	G B C ^②	52SC6BH 52SC6CH		1
Left and center 501CH B S2SC6BX C S2SC6GX C S2SC6GY C S2			Left and right	501CH	E G B	52SC6EH 52SC6GH 52SC6BJ		1
Right and center 501CH SSC6CK B SSC6CK SSC6CK B SSC6CK SSC6CK B SSC6CK SSC6CK C SSC6CK SSC6CK B SSC6CK SSC6CK C SSC6CK SSC6CK B SSC6CK SSC6CK C SSC6CK SSC6CH C SSC6CK SSC6CH C SSC6CK SSC6CH SSC6CK SSC6CH SSC6CH C SSC6CH SSC6CH SSC6CK SSC6CH SSC6CH SSC6CK SSC6CH SSC6CH SSC6CH SSC6CH SSC6CH SSC6CH SSC6CH SSC6CH SSSC6CH SSC6CH SSC6CH SSSC6CH SSC6CH SSC6CH SSSC6CH SSC6CH <td< td=""><td></td><td></td><td>L off and contar</td><td>50101</td><td>D E G</td><td>52SC6DJ 52SC6EJ 52SC6GJ</td><td></td><td>4</td></td<>			L off and contar	50101	D E G	52SC6DJ 52SC6EJ 52SC6GJ		4
Right and center 501CH B 52SC66M C 0 52SC6CM D 52SC6CM 52SC6CM G 52SC6CM 6 Spring return from right operation Center 501CH B 52SC6CU G 52SC6CU 0 52SC6CU D 52SC6CU 0 52SC6CU E 52SC6CU 0 52SC6CU D 52SC6CU 0 52SC6CU E 52SC6CT 0 52SC6CT D 52SC6CT 0 52SC6CT E 52SC6C			Len and center	50100	C [@] D E	52SC6CK 52SC6DK 52SC6EK		1
Spring return from right operation Center 501CH B \$22C6BU C \$25C6CU \$25C6CU \$25C6CU B \$22C6BU \$25C6CU C \$25C6CU \$25C6CU B \$22C6BU \$25C6CU C \$25C6CU \$25C6CU B \$22C6BZ \$25C6CU C \$25C6CZ \$25C6CZ D \$25C6CZ \$25C6CZ C \$25C6CZ \$25C6CZ D \$25C6CT \$25C6CT D \$25C6ET \$25C6CT D \$25C6EW \$25C6CW D \$25C6EW \$25C6CW C \$25C6CT \$25C6CT D \$25C6CT \$25C6CW C \$25C6CT \$25C6CT D \$25C6CT \$25C6CW C \$25C6CT \$25C6CT D \$25C6CT \$25C6CT <t< td=""><td></td><td></td><td>Right and center</td><td>501CH</td><td>B C ② D E</td><td>52SC6BM 52SC6CM 52SC6DM 52SC6EM</td><td></td><td>1</td></t<>			Right and center	501CH	B C ② D E	52SC6BM 52SC6CM 52SC6DM 52SC6EM		1
Left and center 501CH B 525C6BZ C \$525C6C2 D 525C6C2 D 525C6C2 E 525C6E2 G 525C6E2 G 525C6E2 G 525C6E2 G 525C6E2 G 525C6E2 G 525C6E2 G 525C6E2 G 525C6E2 G 525C6E7 D 525C6E7 G 525C6E7 D 525C6E7 G 525C6E7 G 525C6E7 G 525C6		Spring return from right operation	Center	501CH	B C ② D E	52SC6BU 52SC6CU 52SC6DU 52SC6DU 52SC6EU		1
Spring return from left operation Center 501CH B 525C6BT D 525C6CT D 525C6CT E 525C6BW C 525C6BW C © 525C6BW C 525C6EW G 525C6BY C 525C6EY C 525C6EY G 525C6EY G 525C6EY G 525C6EY 525C6EY Spring return from left and right operation Center 501CH B 525C6EY 525C6EY G 525C6EY G 525C6EV 525C6EV 525C6EV 525C6EV 525C6EV G 525C6EV G 525C6EV 525C6EV 525C6EV 5			Left and center	501CH	B C ② D E	52SC6BZ 52SC6CZ 52SC6DZ 52SC6EZ		1
Fight 501CH E 52SC66T G 52SC60W 52SC60W D 52SC66W 52SC66W C © 52SC66V D 52SC66Y D D 52SC66Y D Spring return from left and right operation Center 501CH B 52SC66V C © 52SC66V D 52SC66V D 52SC66V C 52SC66V D Spring return from left and right operation Center 501CH B 52SC66V C © 52SC66V C 52SC66V 52SC66V D 52SC66V C 52SC66V 52SC66V E 52SC66V S2SC66V 52SC66V		Spring return from left operation	Center	501CH	В С ©	52SC6BT 52SC6CT		1
Center and right 501CH E 52SC6EW G 52SC6EV D 52SC6EV D 52SC6EV D 52SC6EV B 52SC6EV D 52SC6EV C © 52SC6EV D Spring return from left and right operation Center 501CH B 52SC6EV C © 52SC6EV C D 52SC6EV G 52SC6EV G 52SC6EV C C © 52SC6EV G 52SC6EV D 52SC6EV G 52SC6EV G C © 52SC6EV G 52SC6EV G 52SC6EV G 52SC6EV G C order special locks for keyed selector switches, replace 5th digit with a 5 and append corresponding X' suffix to part number. #549CH X299 (Same list price as standard key) #548CH X300 Ordering example #547CH X301			Right	501CH	E G B C ^②	52SC6ET 52SC6GT 52SC6BW 52SC6CW		1
E 52SC6EY G 52SC6GV Spring return from left and right operation Center 501CH B 52SC6CV D 52SC6CV D 52SC6EV G			Center and right	501CH	E G B C ^②	52SC6EW 52SC6GW 52SC6BY 52SC6CY		1
Spring return from left and right operation Center 501CH B 52SC6BV C ② 52SC6CV D 52SC6DV E 52SC6EV G 52SC6EV G 52SC6EV G 52SC6EV G 52SC6GV S 5 5 Lock types keyed different from standard - up to 25 different keys 5 5 5 To order special locks for keyed selector switches, replace 5th digit with a 5 and append corresponding X' suffix to part number. #549CH X299 (Same list price as standard key) #548CH X300 Ordering example #547CH X301					E	52SC6EY		
To order special locks for keyed selector switches, replace 5th digit with #550CH X298 a 5 and append corresponding 'X' suffix to part number. #549CH X299 (Same list price as standard key) #548CH X300 Ordering example #547CH X301		Spring return from left and right operation	Center	501CH	B C② D E	52SC6BV 52SC6CV 52SC6DV 52SC6DV 52SC6EV		1
#548CH X300 Ordering example #547CH X301	To order special locks for ke a 5 and append correspond	eyed selector switches, replace 5th digit with ding 'X' suffix to part number.		#550CH		5 X298 X299		1
	Ordering example	i neyj		#547CH		X301		

① For contact operation, see cam selection chart on page 17-266.

Siemens Industry, Inc. SPEEDFAX™ 2011 Product Catalog

② C cam limited to 4 single or double pole blocks on spring return operators

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Selection and ordering data

Special L	<i>levices</i>
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	Version	Ohms / color	Order no.	List Price	Pac
				\$	Uni
	Potentiometer operator 2 Watts, 500 V AC/DC (Type 12/3 only)	50 150 250 500 750 1 K 2.5 K 5 K 10 K 15 K 25 K 50 K 100 K 150 K 250 K 500 K 1 M 1.5 M 2 M 5 M	52MA3B01 52MA3B03 52MA3B04 52MA3B06 52MA3B07 52MA3B08 52MA3B10 52MA3B12 52MA3B14 52MA3B14 52MA3B16 52MA3B18 52MA3B20 52MA3B21 52MA3B22 52MA3B22 52MA3B24 52MA3B26 52MA3B28 52MA3B28 52MA3B31		1
	2 Button maintained operator Button remains depressed when pushed	black (flush) / red (flush) black (flush) / red (extended) black (flush) / yellow (mushroom) green (flush) / red (flush) green (flush) / red (extended) green (flush) / red (mushroom) green (flush) / green (mushroom) less caps	52MA2A1A2 52MA2A1B2 52MA2A1D4 52MA2A3A2 52MA2A3B2 52MA2A3D2 52MA2A3D3 52MA2		1
	Button remains depressed when pushed	less caps	52WAZ		
	Wobble stick 2.5" operator For use with 52BAJ (NC) contact block	red green grey	52ABW2 ^① 52ABW3 ^① 52ABW6 ^①		1
A A A A A A A A A A A A A A A A A A A	Maintained toggle operator		52ABT		1

① For use with 52BAJ (NC) contact block