4-POLE PARTS LIST



ABCS/SXCS Control Stations

Momentary Push Buttons

Part Code	Part Description		Con	tact Configura	tion			Typical Pa	rt Image	
COP1750xx	P1 Push button, 2NC/2NO contacts			$- \begin{pmatrix} 33 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - $	2N	C/2N	10			
COP1751xx	P1 Push button, 4NC contacts		$[\begin{array}{c} 1^{11} \\ 1^{12} \\ 1^{$	$\begin{array}{c} 31 \\ 41 \\ 32 \\ 42 \end{array}$	4N	С				
COP1752xx	P1 Push button, 4NO contacts		$\mathbf{E} \xrightarrow{\int_{14}^{13} \int_{24}^{23}}$	$- \begin{vmatrix} 33 \\ - 34 \end{vmatrix} \begin{vmatrix} 43 \\ - 44 \end{vmatrix}$	4N(
COP1753xx	P1 Push button, 1NC/3NO contacts		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		10					
COP1754xx	P1 Push button, 3NC/1NO contacts		$\begin{bmatrix} 12 & 24 & 34 & 44 \\ 11 & 2^{21} & 3^{31} & 4^{43} \\ \hline 12 & 22 & 32 & 44 \end{bmatrix}$ 3NC/1NO		10					
OPTION: Add s Note: Padlock r	uffix G to the above P1 part	codes to ind	clude a padlock	able guard eg	. COP	170x)	۲ <u>G</u>	K	D A	
COP2750xx/xx	P2 Double Push button, 2NC/2NO contacts			$ + \frac{ \int_{34}^{33} \int_{44}^{43} }{ \int_{44}^{43} } $	2NC/2NO		10			
COP2751xx/xx	P2 Double Push button, 4NC contacts			$ \begin{bmatrix} $	4NC					
COP2752xx/xx	P2 Double Push button, 4NO contacts		$\mathbf{E} \xrightarrow{13}_{14} \xrightarrow{23}_{24}$	$\begin{bmatrix} 1 \\ 33 \\ 34 \end{bmatrix} \begin{bmatrix} 43 \\ 44 \end{bmatrix}$	4N(C				
COP2753xx/xx	P2 Double Push button, 1NC/3NO contacts			$= \frac{1}{33} + \frac{1}{34} + \frac{1}{44}$	1N(C/3N	Ю		0	
COP2754xx/xx	P2 Double Push button, 3NC/1NO contacts			$\begin{bmatrix} 3^{31} \\ -7 \\ -32 \end{bmatrix} \Big _{44}^{43}$	3N(C/1N	10			
↑	CO		LABEL COLOUR Green	TEXT COLOUR		2 0DE 41	LEGEND "BLANK"	LABEL COLOUR White	TEXT COLOUR N/A	
	0.		Green	White		41	II	White	Black	
	03		Green	White	+	43		White	Black	
	04		Green Red	White N/A		44 45	START STOP	White White	Black Red	
	22	2 0	Red	White		46	FW	White	Black	
No.	2:		Red Red	White White		47 49	BW 个个	White White	Black Black	
	6		Yellow	N/A		49 81	"BLANK"	Black	N/A	
	62	2	Yellow	White						



Momentary Push Buttons

Part Code	Part Description	Contact Configuration	Typical Part Image		
COP4B750	P4B Black momentary mushroom, 2NC/2NO contacts	$\begin{bmatrix} 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 \\ 1 & 1 &$			
COP4B751	P4B Black momentary mushroom, 4NC contacts	$\mathbf{F}_{12}^{11} \mathbf{F}_{22}^{21} \mathbf{F}_{32}^{31} \mathbf{F}_{42}^{41} \mathbf{F}$			
COP4B752	P4B Black momentary mushroom, 4NO contacts	$\mathbf{E} \xrightarrow{\int_{14}^{13} \int_{24}^{23} \int_{34}^{33} \int_{44}^{43} 4NO$			
COP4B753	P4B Black momentary mushroom, 1NC/3NO contacts	$\begin{bmatrix} 1 & 1 & 1 & 2^{3} & 1 & 3^{3} \\ 1 & 1 & 2^{4} & 1 & 3^{4} \\ 1 & 2^{4} & 3^{4} & 4^{4} \end{bmatrix} = 1 \text{ NC/3NO}$			
COP4B754	P4B Black momentary mushroom, 3NC/1NO contacts	$\begin{bmatrix} 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 \\ 1 & 1 &$			
OPTION: Also available in Green (P4G) or Red (P4R)					

Emergency Stop Buttons

Part Code	Part Description	Contact Configuration	Typical Part Image
COP3750	P3 E-stop mushroom head, pull to release, 2NC/2NO contacts	$ \begin{array}{c c} & & & \\ & & & \\ \bullet & & \\ & & & \\ & & & \\ 12 & & & \\ 12 & & & \\ 22 & & & \\ 34 & & \\ \end{array} \right)^{43} \\ & & \\ 44 & \\ 44 & \\ 44 & \\ \end{array} 2NC/2NO \\ \end{array} $	
COP3751	P3 E-stop mushroom head, pull to release, 4NC contacts	$ \begin{array}{c} \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\$	
COP3752	P3 E-stop mushroom head, pull to release, 4NO contacts		Pult to REL ^{\$5E}
COP3753	P3 E-stop mushroom head, pull to release, 1NC/3NO contacts	$\mathbf{r}_{12} = \begin{pmatrix} 11 \\ 23 \\ -7 \\ -7 \\ -12 \end{pmatrix} \begin{pmatrix} 23 \\ -7 \\ -24 \end{pmatrix} \begin{pmatrix} 33 \\ -34 \\ -34 \end{pmatrix} \begin{pmatrix} 43 \\ -44 \\ -44 \end{pmatrix} = 1 \text{ NC/3NO}$	
COP3754	P3 E-stop mushroom head, pull to release, 3NC/1NO contacts	$ \begin{array}{c} \begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$	_
OPTION: Add Note: Padlock	suffix G to the above part codes to incl not included		



Emergency Stop Buttons

Part Code	Part Description	Contact Configuration	Typical Part Image
COP6750	P6 E-stop mushroom head, twist to release, 2NC/2NO contacts	$ \begin{array}{c c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & $	
COP6751	P6 E-stop mushroom head, twist to release, 4NC contacts	$ \begin{array}{c} \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\$	
COP6752	P6 E-stop mushroom head, twist to release, 4NO contacts		
COP6753	P6 E-stop mushroom head, twist to release, 1NC/3NO contacts	$\mathbf{r}_{12} = \begin{pmatrix} 11 \\ 23 \\ 33 \\ 34 \\ 34 \end{pmatrix} = \begin{pmatrix} 43 \\ 44 \\ 44 \end{pmatrix} = 1 \text{ NC/3NO}$	
COP6754	P6 E-stop mushroom head, twist to release, 3NC/1NO contacts	$ \begin{array}{c} \begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$	
OPTION: Add Note: Padlock	suffix G to the above part codes to incl		

Part Code	Part Description	Contact Configuration	Typical Part Image
COY21750	Y21 E-stop mushroom head, key release, 2NC/2NO contacts	$ \begin{array}{c} \begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$	
COY21751	Y21 E-stop mushroom head, key release, 4NC contacts	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
COY21752	Y21 E-stop mushroom head, key release, 4NO contacts	$0 + \frac{1^{13}}{1_{4}} + \frac{1^{23}}{1_{24}} + \frac{1^{33}}{1_{34}} + \frac{1^{43}}{1_{44}} + 4NO$	
COY21753	Y21 E-stop mushroom head, key release, 1NC/3NO contacts	$ \begin{array}{c} \begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & &$	
COY21754	Y21 E-stop mushroom head, key release, 3NC/1NO contacts	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	



Selector Switches

Part Code	Part Description	Label	Contact Schematic	Typical Part Image
COK4175003	K4 4-pole 3-position small handle, self-reset, "0-I-II"		$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
COK4175204	K4 4-pole 3-position small handle, self-reset, "I-O-II"		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
COK5175003	K5 4-pole 3-position small handle, self-lock, "0-I-II"		$ \begin{array}{c} \begin{array}{c} 0 \\ 0 \\ 12 \\ 12 \\ 22 \\ 34 \\ 44 \end{array} \begin{array}{c} 11 \\ 0 \\ 11 \\ 12 \\ 22 \\ 34 \\ 44 \end{array} \begin{array}{c} 11 \\ 0 \\ 11 \\ 12 \\ 22 \\ 34 \\ 44 \end{array} \begin{array}{c} 11 \\ 0 \\ 11 \\ 12 \\ 22 \\ 34 \\ 44 \end{array} \begin{array}{c} 11 \\ 21 \\ 33 \\ 11 \\ 12 \\ 22 \\ 34 \\ 44 \end{array} $	
COK5175204	K5 4-pole 3-position small handle, self-lock, "I-0-II"		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
COK6175002	K6 4-pole 2-position small handle, self-lock, "I-II"		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
COK6175201	K6 4-pole 2-position small handle, self-lock, "0-1"		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
COK8175005	K8 4-pole 3-position small handle, self- lock/reset, "0-•-I"		$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
OPTION: Add Note: Padloc				



Selector Switches

Part Code	Part Description	Label	Contact Schematic	Typical Part Image
COS4175003	S4 4-pole 3-position large handle, self-reset, "O-I-II"		$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
COS4175204	S4 4-pole 3-position large handle, self-reset, "I-O-II"		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
COS5175003	S5 4-pole 3-position large handle, self-lock, "0-I-II"	0	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
COS5175204	S5 4-pole 3-position large handle, self-lock, "I-O-II"		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
COS6175002	S6 4-pole 2-position large handle, self-lock, "I-II"		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
COS6175201	S6 4-pole 2-position large handle, self-lock, "0-1"	0	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
COS8175005	S8 4-pole 3-position large handle, self- lock/reset, "0-•-I"		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	



Selector Switches

Part Code	Part Description	Label	Contact Schematic	Typical Part Image
COY51750	Y51 4-pole 3-position key switch, self-lock,"I-0-II"		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
COY51752	Y51 4-pole 3-position key switch, self-lock, "I-0-II"		$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
COY61750	Y61 4-pole 2-position key switch, self-lock, "0-1"	0	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
COY61752	Y61 4-pole 2-position key switch, self-lock, "0-1"	0	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
COY61754	Y61 4-pole 2-position key switch, self-lock, "0-I"		$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
Note: 2 indicates positions where the key can be removed				