C-2000

Standard
Illuminated
600 VAC Max., 300 VDC Max.
10 Amps Continuous AC, 2.5 Amps Continuous DC

Selection Process

Select operator below	+	Select power supply from pages 9-92 & 9-93	+	Select contact block from page 9-93	+	Select nameplate, if required, from pages 9-95 to 9-97	=	Complete unit

Flush

Operators

Standard Push Button Type	Operator Style	Lens Type	Product Number	List Price GO-10GC
Flush	Round Polished Chrome	Diffused	P9CPL*GD	
Flush	Round Satin Chrome	Diffused	P9MPL*GD	
Flush	Round Engineered Plastic	Diffused	P9XPL*GD	
Flush	Squared Engineered Plastic	Diffused	P9SPL*GD	
Extended	Round Polished Chrome	Diffused	P9CPL*SD	
Extended	Round Satin Chrome	Diffused	P9MPL*SD	
Extended	Round Engineered Plastic	Diffused	P9XPL*SD	
Extended	Squared Engineered Plastic	Diffused	P9SPL*SD	
Recessed	Round Polished Chrome	Diffused	P9CPL*ED	
Recessed	Round Satin Chrome	Diffused	P9MPL*ED	
Recessed	Round Engineered Plastic	Diffused	P9XPL*ED	
Recessed	Squared Engineered Plastic	Diffused	P9SPL*ED	

Recessed

Replace asterisk (*) in product number with color code from table below

*Colors

Colors	Red	Green	Yellow	Blue	White	Orange	Clear	No Lens[1]
*Color code	R	V	G	L	B	A	I	0

Square Extended

Outlines and Dimensions: See page 9-60
Specially Marked Diffusers and Inserts: See page 9-102
Accessories: See page 9-102 to 9-111

Technical Data: See page 9-119 to 9-125

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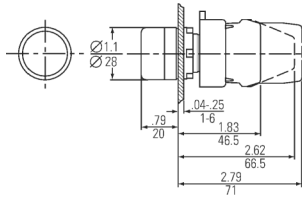Control Catalog

9-59

Heavy-Duty 22.5 mm Watertight/Oiltight Push Buttons

C-2000
Standard
Illuminated
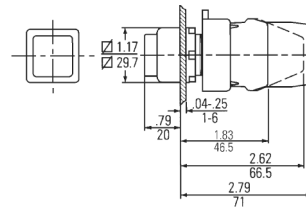Outlines and Dimensions ($\frac{in.}{mm}$) (For Estimating Only)
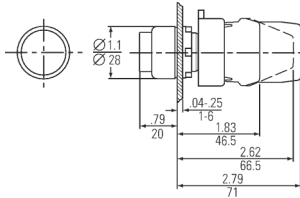600 VAC Max., 300 VDC Max.
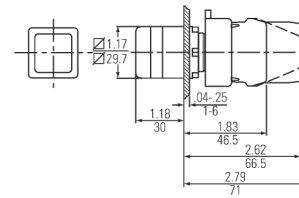10 Amps Continuous AC, 2.5 Amps Continuous DC

Round Illuminated Flush Push Button
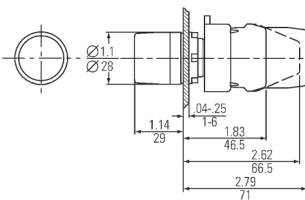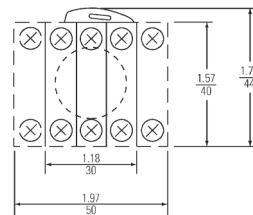
Square Illuminated Extended Push Button

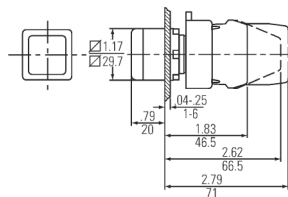**Round Illuminated Extended Push Button**

Square Illuminated Recessed Push Button

Round Illuminated Recessed Push Button

Typical Back Side View

Square Illuminated Flush Push Button

Heavy-Duty 22.5 mm Watertight/Oiltight Accessories

C-2000

Power Supplies and Contact Blocks
600 VAC Max., 300 VDC Max.
10 Amps Continuous AC, 2.5 Amps Continuous DC

Full Voltage Power Supplies   AC/DC

Bulb Type	Terminal type	Lamp Operational Mode	Voltage	Product Number
Incandescent	Screw Terminal	Steady	No lamp	P9PDNV0
Incandescent	Screw Terminal	Steady	6V	P9PDNVA
Incandescent	Screw Terminal	Steady	12V	P9PDNVB
Incandescent	Screw Terminal	Steady	24V	P9PDNVD
Incandescent	Screw Terminal	Steady	48V	P9PDNVG
Incandescent	Screw Terminal	Steady	60V	P9PDNVH
Incandescent	Screw Terminal	Steady	130V	P9PDNVL
Incandescent	Screw Terminal	Flashing	24V	P9PDMVD
Incandescent	Screw Terminal	Flashing	120V	P9PDMVJ
Incandescent	Screw Terminal	Panel Test	No lamp	P9PDTV0
Incandescent	Screw Terminal	Panel Test	6V	P9PDTVA
Incandescent	Screw Terminal	Panel Test	12V	P9PDTVB
Incandescent	Screw Terminal	Panel Test	24V	P9PDTVD
Incandescent	Screw Terminal	Panel Test	48V	P9PDTVG
Incandescent	Screw Terminal	Panel Test	60V	P9PDTVH
Incandescent	Screw Terminal	Panel Test	130V	P9PDTVL
Incandescent	Quick-Connect Terminal	Steady	No lamp	P9PDNF0
Incandescent	Quick-Connect Terminal	Steady	6V	P9PDNFA
Incandescent	Quick-Connect Terminal	Steady	12V	P9PDNFB
Incandescent	Quick-Connect Terminal	Steady	24V	P9PDNFD
Incandescent	Quick-Connect Terminal	Steady	48V	P9PDNFG
Incandescent	Quick-Connect Terminal	Steady	60V	P9PDNFH
Incandescent	Quick-Connect Terminal	Steady	130V	P9PDNFL
LED	Screw Terminal	Steady	6V	P9PDNVAL*
LED	Screw Terminal	Steady	12V	P9PDNVBL*
LED	Screw Terminal	Steady	24V	P9PDNVDL*
LED	Screw Terminal	Steady	48V	P9PDNVGL*
LED	Screw Terminal	Steady	120V[2]	P9PDNVJL*
LED	Screw Terminal	Flashing	24V	P9PDMVDL*
LED	Screw Terminal	Flashing	120V[2]	P9PDMVJL*
LED	Screw Terminal	Panel Test	6V	P9PDTVAL*
LED	Screw Terminal	Panel Test	12V	P9PDTVBL*
LED	Screw Terminal	Panel Test	24V	P9PDTVDL*
LED	Screw Terminal	Panel Test	48V	P9PDTVGL*
LED	Screw Terminal	Panel Test	120V[2]	P9PDTVJL*
LED	Quick-Connect Terminal	Steady	6V	P9PDNFAL*
LED	Quick-Connect Terminal	Steady	12V	P9PDNFBL*
LED	Quick-Connect Terminal	Steady	24V	P9PDNFDL*
LED	Quick-Connect Terminal	Steady	48V	P9PDNFGL*
LED	Quick-Connect Terminal	Steady	120V[2]	P9PDNFJL*
Neon	Screw Terminal	Steady	110V	P9PDNVIN[1]
Neon	Screw Terminal	Steady	220V	P9PDNVMN
Neon	Screw Terminal	Panel Test	110V	P9PDTVIN[1]
Neon	Screw Terminal	Panel Test	220V	P9PDTVMN[1]
Neon	Quick-Connect Terminal	Steady	110V	P9PDNFIN[1]
Neon	Quick-Connect Terminal	Steady	220V	P9PDNFMN
Integrated LED	Screw Terminal	Steady	24 VAC/DC	P9PLNVD*
Integrated LED	Screw Terminal	Steady	120V	P9PLNVJ*
Integrated LED	Screw Terminal	Steady	230V	P9PLNVN*
Integrated LED	Screw Terminal	Flashing	24 VAC/DC	P9PLFVD*
Integrated LED	Screw Terminal	Flashing	120V	P9PLFVJ*
Integrated LED	Screw Terminal	Flashing	230V	P9PLFVN*

[1]Neon bulbs are recommended for use only with clear, red, and yellow lenses.
[2]AC only

Transformer Power Supplies 50/60 Hz AC

Bulb Type	Terminal type	Lamp Operational Mode	Voltage	Product Number
Incandescent	Screw Terminal	Steady	48V	P9PTNVG
Incandescent	Screw Terminal	Steady	60V	P9PTNVH
Incandescent	Screw Terminal	Steady	110-120V	P9PTNVJ
Incandescent	Screw Terminal	Steady	220-250V	P9PTNVN
Incandescent	Screw Terminal	Steady	277-280V	P9PTNVR
Incandescent	Screw Terminal	Steady	380V	P9PTNVU
Incandescent	Screw Terminal	Steady	415-440V	P9PTNVW
Incandescent	Screw Terminal	Steady	480-500V	P9PTNVY
Incandescent	Screw Terminal	Steady	550-600V	P9PTNVZ
Incandescent	Screw Terminal	Flashing	48V	P9PTMVG
Incandescent	Screw Terminal	Flashing	60V	P9PTMVH
Incandescent	Screw Terminal	Flashing	110-120V	P9PTMVJ
Incandescent	Screw Terminal	Flashing	220-250V	P9PTMVN
Incandescent	Screw Terminal	Flashing	277-280V	P9PTMVR
Incandescent	Screw Terminal	Flashing	380V	P9PTMVU
Incandescent	Screw Terminal	Flashing	415-440V	P9PTMVW
Incandescent	Screw Terminal	Flashing	480-500V	P9PTMVY
Incandescent	Screw Terminal	Flashing	550-600V	P9PTMVZ
LED	Screw Terminal	Steady	48V	P9PTNVGL*
LED	Screw Terminal	Steady	60V	P9PTNVHL*
LED	Screw Terminal	Steady	110-120V	P9PTNVJL*
LED	Screw Terminal	Steady	220-250V	P9PTNVNL*
LED	Screw Terminal	Steady	277-280V	P9PTNVRL*
LED	Screw Terminal	Steady	380V	P9PTNVUL*
LED	Screw Terminal	Steady	415-440V	P9PTNVWL*
LED	Screw Terminal	Steady	480-500V	P9PTNVYL*
LED	Screw Terminal	Steady	550-600V	P9PTNVZL*
LED	Screw Terminal	Flashing	48V	P9PTMVGL*
LED	Screw Terminal	Flashing	60V	P9PTMVHL*
LED	Screw Terminal	Flashing	110-112V	P9PTMVJL*
LED	Screw Terminal	Flashing	220-250V	P9PTMVNL*
LED	Screw Terminal	Flashing	277-280V	P9PTMVRL*
LED	Screw Terminal	Flashing	380V	P9PTMVUL*
LED	Screw Terminal	Flashing	415-440V	P9PTMVWL*
LED	Screw Terminal	Flashing	480-500V	P9PTMVYL*
LED	Screw Terminal	Flashing	550-600V	P9PTMVZL*

Complete product number by inserting color code digit in place of asterisk (*).

*LED Colors

LED Color	Red	Green	Yellow	Orange	Blue	White
Color Code	R	V	G	A	L	B

Outlines and Dimensions: See page 9-94

9-92   Control Catalog

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C-2000
Power Supplies and Contact Blocks
600 VAC Max., 300 VDC Max.
10 Amps Continuous AC, 2.5 Amps Continuous DC

Resistor Power Supplies AC/DC

Bulb Type	Terminal type	Lamp Operational Mode	Voltage	Product Number
Incandescent	Screw Terminal	Steady	110-120V	P9PRNVJ
Incandescent	Screw Terminal	Steady	220-240V	P9PRNVN
Incandescent	Screw Terminal	Steady with Diode	220-240V	P9PRDVN
Incandescent	Screw Terminal	Steady Long Life	110-120V	P9PRLVJ
Incandescent	Screw Terminal	Panel Test	220-240V	P9PRTVN

Full-Voltage Power Supplies Low-Level Energy (Reed)

Bulb Type	Terminal type	Lamp Operational Mode	Voltage	Product Number
Incandescent	Quick-Connect Terminal	Steady	–	P9PDHF[1]

[1]For use with Reed Logic flange only.

Contact Blocks

Terminal type	Contact Block Type	Contact Configuration	Product Number
Screw Terminal	Standard	1NO	P9B10VN
Screw Terminal	Standard	1NC	P9B01VN
Screw Terminal	Standard	1NO-1NC	P9B11VN
Screw Terminal	Standard	2NO	P9B20VN
Screw Terminal	Standard	2NC	P9B02VN
Screw Terminal	Early Make	1NO	P9B10VA
Screw Terminal	Late Opening	1NC	P9B01VR
Screw Terminal	Base Mount	1NO	P9B10BN
Screw Terminal	Base Mount	1NC	P9B01BN
Quick-Connect Terminal	Standard	1NO	P9B10FN
Quick-Connect Terminal	Standard	1NC	P9B01FN
Quick-Connect Terminal	Reed	1NO	P9B10FH[2]
Quick-Connect Terminal	Reed	1NC	P9B01FH[2]

[2]Requires special flange (P9ACFSM).
Order on page 9-110.

Outlines and Dimensions: See page 9-94

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C-2000
Nameplates
600 VAC Max., 300 VDC Max.
10 Amps Continuous AC, 2.5 Amps Continuous DC

Standard Metal

Nameplate Marking	Product Number
Auto	P9ACP2N219
Auto Cut	P9ACP2N272
Auto Return	P9ACP2N273
CLOSE	P9ACP2N205
Control Off	P9ACP2N262
Control On	P9ACP2N286
Cycle On	P9ACP2N266
DECREASE	P9ACP2N274
DOWN	P9ACP2N203
EMERGENCY STOP (Red)	P9ACP2R229
Emergency Stop Pull to Reset (RED)	P9ACP2R230
FAST	P9ACP2N208
Fault	P9ACP2N218
FORWARD	P9ACP2N214
Hand	P9ACP2N220
HIGH	P9ACP2N221
IN	P9ACP2N275
INCH	P9ACP2N209
INCREASE	P9ACP2N278
JOG	P9ACP2N210
LEFT	P9ACP2N222
LOW	P9ACP2N223
LOWER	P9ACP2N217
Off (Red)	P9ACP2R213
ON	P9ACP2N212
OPEN	P9ACP2N206
OUT	P9ACP2N293
Overload Tripped	P9ACP2N226
POWER ON	P9ACP2N240
Push-to-Stop/Pull-to-Start	P9ACP2N241
RAISE	P9ACP2N216
RESET	P9ACP2N291
RETURN	P9ACP2N242
REVERSE	P9ACP2N215
RIGHT	P9ACP2N224
RUN	P9ACP2N211
Safe	P9ACP2N281
SLOW	P9ACP2N207
Spindle Closed	P9ACP2N294
Spindle Open	P9ACP2N295
START	P9ACP2N202
STOP (Red)	P9ACP2R201
Stop Rotate-to-Reset	P9ACP2N228
Sub SPD Closed	P9ACP2N296
Sub SPD Open	P9ACP2N297
TEST	P9ACP2N225
UP	P9ACP2N204
Feed Hold	P9ACP2N263
FOR REV	P9ACP2N231
HAND AUTO	P9ACP2N243
HIGH LOW	P9ACP2N244
H.P. Coolant	P9ACP2N290
Inch Cut	P9ACP2N276
Inch Return	P9ACP2N277
JOG FORWARD	P9ACP2N279
JOG REVERSE	P9ACP2N280
JOG RUN	P9ACP2N245
LEFT RIGHT	P9ACP2N246
LOW HIGH	P9ACP2N247
LOWER RAISE	P9ACP2N248
OFF ON	P9ACP2N233
OPEN CLOSE	P9ACP2N234
RAISE LOWER	P9ACP2N249
REV FOR	P9ACP2N250
RUN JOG	P9ACP2N251
SAFE RUN	P9ACP2N252
SLOW FAST	P9ACP2N253
START CYCLE	P9ACP2N282
Start Feed	P9ACP2N283
START JOG	P9ACP2N254

Standard Metal (continued)

Nameplate Marking	Product Number
START STOP	P9ACP2N255
Stop Cycle	P9ACP2N265
Stop Feed	P9ACP2N264
Stop Reset (Red)	P9ACP2R227
STOP START	P9ACP2N232
UP DOWN	P9ACP2N256
OFF COOLANT ON	P9ACP2N257
Auto Off Hand	P9ACP2N258
FOR OFF REV	P9ACP2N239
FOR STOP REV	P9ACP2N259
HAND OFF AUTO	P9ACP2N261
JOG OFF RUN	P9ACP2N298
JOG SAFE RUN	P9ACP2N267
Local Off Remote	P9ACP2N237
LOW OFF HIGH	P9ACP2N238
LOWER OFF RAISE	P9ACP2N268
MAN OFF AUTO	P9ACP2N269
OPEN OFF CLOSE	P9ACP2N270
SLOW OFF FAST	P9ACP2N271

Plastic Insert

Nameplate Marking	Product Number[1]
Auto	P9ACPBS219
Auto Cut	P9ACPBS272
Auto Return	P9ACPBS273
CLOSE	P9ACPBS205
Control Off	P9ACPBS262
Control On	P9ACPBS286
Cycle On	P9ACPBS266
DECREASE	P9ACPBS274
DOWN	P9ACPBS203
EMERGENCY STOP (Red)	P9ACPBS229
Emergency Stop Pull to Reset (RED)	P9ACPBS230
FAST	P9ACPBS208
Fault	P9ACPBS218
FORWARD	P9ACPBS214
Hand	P9ACPBS220
HIGH	P9ACPBS221
IN	P9ACPBS275
INCH	P9ACPBS209
INCREASE	P9ACPBS278
JOG	P9ACPBS210
LEFT	P9ACPBS222
LOW	P9ACPBS223
LOWER	P9ACPBS217
Off (Red)	P9ACPBS213
ON	P9ACPBS212
OPEN	P9ACPBS206
OUT	P9ACPBS293
Overload Tripped	P9ACPBS226
POWER ON	P9ACPBS240
Push-to-Stop/Pull-to-Start	P9ACPBS241
RAISE	P9ACPBS216
RESET	P9ACPBS291
RETURN	P9ACPBS242
REVERSE	P9ACPBS215
RIGHT	P9ACPBS224
RUN	P9ACPBS211
Safe	P9ACPBS281
SLOW	P9ACPBS207
Spindle Closed	P9ACPBS294
Spindle Open	P9ACPBS295
START	P9ACPBS202
STOP (Red)	P9ACPBS201
Stop Rotate-to-Reset	P9ACPBS228
Sub SPD Closed	P9ACPBS296
Sub SPD Open	P9ACPBS297
TEST	P9ACPBS225

[1]For use with plastic nameplate holders on page 9-96.

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C-2000
Nameplates
600 VAC Max., 300 VDC Max.
10 Amps Continuous AC, 2.5 Amps Continuous DC

Plastic Insert   (continued)

Nameplate Marking	Product Number[1]
UP	P9ACPBS204
Feed Hold	P9ACPBS263
FOR REV	P9ACPBS231
HAND AUTO	P9ACPBS243
HIGH LOW	P9ACPBS244
H.P. Coolant	P9ACPBS290
Inch Cut	P9ACPBS276
Inch Return	P9ACPBS277
JOG FORWARD	P9ACPBS279
JOG REVERSE	P9ACPBS280
JOG RUN	P9ACPBS245
LEFT RIGHT	P9ACPBS246
LOW HIGH	P9ACPBS247
LOWER RAISE	P9ACPBS248
OFF ON	P9ACPBS233
OPEN CLOSE	P9ACPBS234
RAISE LOWER	P9ACPBS249
REV FOR	P9ACPBS250
RUN JOG	P9ACPBS251
SAFE RUN	P9ACPBS252
SLOW FAST	P9ACPBS253
START CYCLE	P9ACPBS282
Start Feed	P9ACPBS283
START JOG	P9ACPBS254
START STOP	P9ACPBS255
Stop Cycle	P9ACPBS265
Stop Feed	P9ACPBS264
Stop Reset (Red)	P9ACPBS227
STOP START	P9ACPBS232
UP DOWN	P9ACPBS256
OFF COOLANT ON	P9ACPBS257
Auto Off Hand	P9ACPBS258
FOR OFF REV	P9ACPBS239
FOR STOP REV	P9ACPBS259
HAND OFF AUTO	P9ACPBS261
JOG OFF RUN	P9ACPBS298
JOG SAFE RUN	P9ACPBS267
Local Off Remote	P9ACPBS237
LOW OFF HIGH	P9ACPBS238
LOWER OFF RAISE	P9ACPBS268
MAN OFF AUTO	P9ACPBS269
OPEN OFF CLOSE	P9ACPBS270
SLOW OFF FAST	P9ACPBS271

[1]For use with plastic nameplate holders.

Plastic Insert

Nameplate Marking	Product Number[1]
Abrir	P9ACPBS506
Adelente	P9ACPBS502
Atras	P9ACPBS508
Atras Adelante	P9ACPBS518
Atras O Adelante	P9ACPBS519
Bajar	P9ACPBS505
Bajo	P9ACPBS514
Cerrar	P9ACPBS501
Defecto	P9ACPBS513
Derecha	P9ACPBS509
Emergencia	P9ACPBS516
Izquierda	P9ACPBS504
Manual	P9ACPBS503
Marcha	P9ACPBS510
Paro (Red)	P9ACPBS511
Paro Marcha	P9ACPBS517
Paro O Marcha	P9ACPBS520
Rapido	P9ACPBS512
Reame	P9ACPBS515
Subir	P9ACPBS507

[1]For use with plastic nameplate holders.
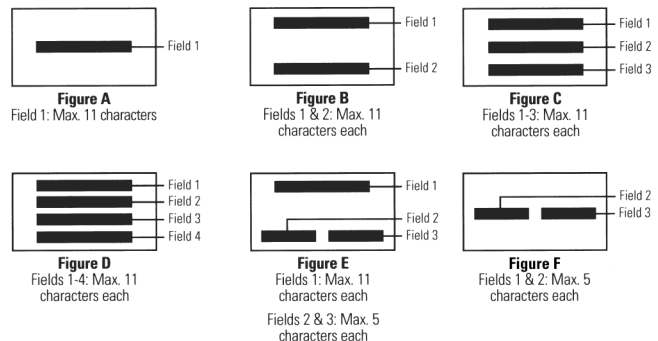
Plastic Nameplates with Blank Inserts

Nameplate Type	Operator Style	Nameplate Size	Product Number[2]
Plastic w/ Blank Inserts	Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Standard	P9ARTBS
Plastic w/ Blank Inserts	Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Jumbo	P9ARTBM
Plastic w/ Blank Inserts	Square Engineered Plastic	Standard	P9ASTBS
Spare Blank Insert	Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Standard	P9ACPBS
Spare Blank Insert	Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Jumbo	P9ARPBM
Transparent Insert	Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Standard	P9ACPTS
Transparent Insert	Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Jumbo	P9ARPTM

[2]Package quantity is five, order in multiples of 5. Includes black holder with black/red reversible insert.

Plastic Nameplate Holders With Custom Engraved Inserts

Operator Style	Nameplate Size	Product Number
Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Standard	P9ARTBSEN
Round Polished Chrome Round Satin Chrome Round Engineered Plastic	Jumbo	P9ARTBMEN
Square Engineered Plastic	Standard	P9ASTBSEN

For custom engraved engineered plastic nameplates, specify Figure corresponding to desired field configuration, characters desired for each field, and color (black or red) of field.

Figure A
Field 1: Max. 11 characters

Figure B
Fields 1 & 2: Max. 11 characters each

Figure C
Fields 1-3: Max. 11 characters each

Figure D
Fields 1-4: Max. 11 characters each

Figure E
Fields 1: Max. 11 characters each
Fields 2 & 3: Max. 5 characters each

Figure F
Fields 1 & 2: Max. 5 characters each

Legend for Custom Engraved Inserts

Blank Metal

Nameplate Size	Color	Product Number
Standard	Black	P9ACP2N
Standard	Red	P9ACP2R
Joystick	Black	P9ACP3N
Joystick	Red	P9ACP3R

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C-2000
Nameplates
600 VAC Max., 300 VDC Max.
10 Amps Continuous AC, 2.5 Amps Continuous DC

Custom Engraved Metal

Color	Figure	Nameplate Size	Max. Characters per Field	Product Number
Black	1	Standard	Field 1: 13	P9ACP2NBEN
Black	2	Standard	Fields 1 & 2: 13 each	P9ACP2NCEN
Black	3	Standard	Fields 1 & 2: 6 each	P9ACP2NFEN
Black	4	Standard	Fields 1 & 3: 6 each, Fields 2: 13	P9ACP2NGEN
Black	5	Standard	Fields 1-4: 13 each	P9ACP2NHEN
Black	7	Joystick	Fields 1 & 2: 17 each	P9ACP3NJEN
Black	8	Joystick	Fields 1 & 2: 17 each; Fields 3 & 4: 4 each	P9ACP3NKEN
Red	1	Standard	Field 1: 13	P9ACP2RBEN
Red	2	Standard	Fields 1 & 2: 13 each	P9ACP2RCEN
Red	3	Standard	Fields 1 & 2: 6 each	P9ACP2RFEN
Red	4	Standard	Fields 1 & 3: 6 each, Fields 2: 13	P9ACP2RGEN
Red	5	Standard	Fields 1-4: 13 each	P9ACP2RHEN
Red	7	Joystick	Fields 1 & 2: 17 each	P9ACP3RJEN
Red	8	Joystick	Fields 1 & 2: 17 each; Fields 3 & 4: 4 each	P9ACP3RKEN

For custom engraved metal nameplates, specify Figure corresponding to desired field configuration and characters desired for each field.

Yellow Emergency Round

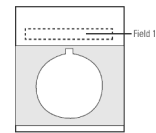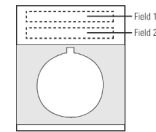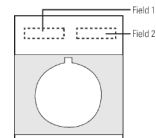| Nameplate Marking	Nameplate Diameter	Product Number[1]
Blank	59 mm	080XTGR
Blank	78 mm	080XTG8
Engraved	59 mm	080XTGR02
EMERGENCY STOP	78 mm	080XTG802

[1]Package quantity is five, order in multiples of 5.
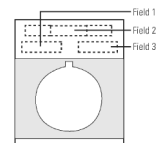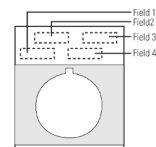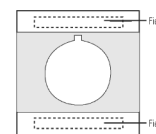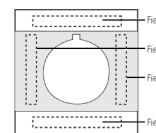

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Figure 7

Figure 8

Blank and Yellow Emergency Stop

Rev. 4/16
Prices and data subject
to change without notice

Control Catalog

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