GCX Series 22mm Metal Pushbuttons

Momentary extended pushbuttons

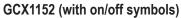


GCX1113

	Momentary Extended Pushbuttons									
Part Number	Color	Price	Drawing Link	Description						
GCX1110	Black		<u>PDF</u>	One N.O. contact block, extended 30mm dia. actuator, mounts in 22mm hole						
GCX1111	Red		PDF	One N.C. contact block, extended 30mm dia. actuator, mounts in 22mm hole						
GCX1112	Green		PDF							
GCX1113	Yellow		PDF	One N.O. contact block, extended 30mm dia. actuator,						
GCX1114	Blue		PDF	mounts in 22mm hole						
GCX1115	White		<u>PDF</u>							

Double-headed momentary pushbuttons







GCX1151-24

Double-headed Momentary Pushbuttons								
Part Number	Price	Drawing Link	Description					
GCX1150		PDF	Double-headed for on/off control, One N.O. and one N.C. contact block, fits in 22mm dia. hole, without symbols					
GCX1151-24		PDF	24VDC/VAC double-headed with indicator, faces without symbols. One N.O. and one N.C. contact block, fits in 22mm dia. hole					
GCX1151-120		PDF	120VDC/VAC double-headed with indicator, faces without symbols. One N.O. and one N.C. contact block, fits in 22mm dia. hole					
GCX1152		PDF	Double-headed for on/off control. One N.O. and one N.C. contact block, fits in 22mm dia. hole. With ON(I) and OFF (0) symbols					
GCX1153-24*		PDF	24VDC/VAC double-headed with indicator, with ON (1) and OFF (0) symbols. One N.O. and one N.C. contact block					
GCX1153-120*		PDF	120VDC/AC double-headed with indicator, with ON (1) and OFF (0) symbols. One N.O. and one N.C. contact block					

^{*} Note: Lamp data in 22 mm Metal Pilot Accessories in this section.

For accessories, see 22mm Metal Pilot Device Accessories in this section.

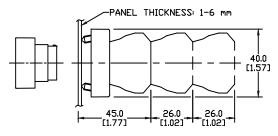
GCX Series 22mm Metal Pilot Devices Specifications

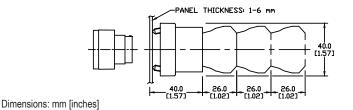
Assembly information

These pushbuttons and indicator lights are supplied with the appropriate contact blocks, unless otherwise indicated. Use these drawings as a guide to make sure there is adequate clearance behind the panel.

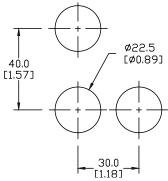
Pushbuttons and selector switches

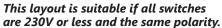
Illuminated pushbuttons and selector switches/pilot lights

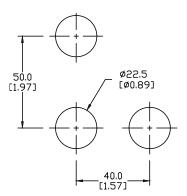




Mounting

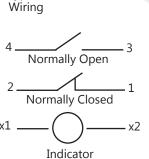






This layout is suitable if all switches are 400V or less and different polarity.

NOTE: Contact blocks can be arranged up to three deep by two wide. Typical



Specifications

These specifications apply to all GCX and ECX 22 mm metal pushbuttons and switches.

Phys	sical Specifications
Standards Reference	CEI EN 60947-5-1, CSA C22-2 n.14
Approvals	CSA, IMQ (where specified), UL File E189258
Enclosure Material	Zn + Al + Mg alloy, chromium plated
Contacts Material	Silver
Protection Degree	IP 40 for GCX3151-24, GCX3151-120, GCX3153-24 and GCX3153-120. IP 65 for all others. (See Appendix of this catalog for explanation of IP ratings according to IEC 144 CEI 70-1.)
Temperature Ratings	Storage: -40° -to 80°C (-40° to 176° F) Operating: -25° to +70°C (-13° to 158° F)
Working Positions	All working positions are allowed
Mechanical Life	Pushbuttons, selector switches: Joy stick switches: 1,000,000 operations Mushroom pushbuttons: 300,000 operations

Electrica	al Specifications
Rated Thermal Current (contact block)	A300, Q300 (Refer to E22 Series mounting/ contact rating section for details)
Rated Insulation Voltage	Ui 660V according to CEI EN 60947-5-1, 300V according to CSA C22-2 n.14
Dielectric Strength	3kV (1 second)
Insulation Resistance	2MΩ min. (500VDC)
Initial Contact Resistance	≤ 25mΩ
Short-Circuit Protection*	Cartridge fuses gl 10A - 500V 10,3x38I1 100kA
Terminal Markings	According to CENELEC EN 50013
Connections	Single screw with non-loosening plate clamp,14AWG max.
Contacts Operation	Self-cleaning types EN01 (N.C.) EN 10 (N.O.) slow action, positive opening
Operation Frequency	3600 operations per hour max.
Utilization Category	AC15 (Control of AC electromagnetic loads) 24 volts AC at 10 amps 130 volts AC at 6.5 amps DC13 (Control of DC electromagnetic loads) 24 volts DC at 1.5 amps 110 volts DC at 0.5 amps

*Note: Recommended, not supplied

Replacement incandescent bulbs

Replacement Incandescent Bulbs							
Part Number	Quantity	Price	Rating	Description			
ECX1900-5	5		6V@ 200mA , 1.2 watts	6V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4			
ECX1902-5	5		24V@ 80mA 2 watts	24V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4			
ECX1904-5	5		130V@20mA 2.6 watts	120V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4			



ECX1902-5

Note: Bulb removal tool available. Order part number HT8LAMPTOOL.

Replacement LED lamps

Replacement LED Lamps							
Part Number	Color	Quantity	Price	Rating	Description		
ECX1911-2	Red						
ECX1912-2	Green						
ECX1913-2	Yellow			24V@26mA 0.6 watts	LED replacement lamp for miniature bayonet bases Works with 22mm switches and indicators, but illumination will not be as even when used with the ECX 22mm indicators		
ECX1914-2	Blue						
ECX1915-2	White	2					
ECX1921-2	Red	2					
ECX1922-2	Green				Note: Will not replace sealed Cutler-Hammer monoblock LED indicators.		
ECX1923-2	Yellow			120V@5mA 0.6 watts	monopion LED indicators.		
ECX1924-2	Blue			0.0 Walls			
ECX1925-2	White						



Hole plug

Hole Plug					
Part Number	Color	Price	Description		
ECX1490	Black		Plastic hole plug for 22.5 mm openings in panels and enclosures; supplied with O-ring and mounting screw. Two plugs per package.		



Pilot Light replacement lens

Pilot Light Replacement Lens									
Part Number	Lamp Color	Price	Description	Use with					
PL1170PR-5	Red		22mm metallic series pilot light replacement lens, 5/pk						
<u>PL1170PV-5</u>	Green		22mm metallic series pilot light replacement lens, 5/pk						
PL1170PG-5	Yellow		22mm metallic series pilot light replacement lens, 5/pk	Ded combons stadios with COV422					
PL1170PB-5	Blue		22mm metallic series pilot light replacement lens, 5/pk	Part numbers starting with GCX123					
PL1170PN-5	Clear		22mm metallic series pilot light replacement lens, 5/pk						
PL1170PW-5	White		22mm metallic series pilot light replacement lens, 5/pk						



PL1170PR-5

Protective covers for pushbuttons

	Protective Covers for Pushbuttons								
Part Number	Color	Quantity	Price	Description					
ECX1700-5	Black								
ECX1701-5	Red	5		Silicone protective covers for use with 22mm standard-size flush pushbuttons.					
ECX1702-5	Green			Silicone protective covers for use with zzmin standard-size mush pushbuttoris.					
ECX1703-5	Yellow			Will not work with Cutler-Hammer pushbuttons, 22mm plastic illuminated or					
ECX1704-5	Blue			extended pushbuttons, or 22mm plastic pushbuttons with 40mm actuator face.					
ECX1705-5	Clear								
ECX1706-5	Clear			Clear silicone protective covers for use with 2 mm illuminated and extended pushbuttons only. Will not work with Cutler-Hammer pushbuttons or 22mm mushroom pushbuttons.					



ECX1703-5

Replacement 22mm support base

Replacement 22mm Support Base						
Part Number	Quantity	Price	Drawing Link	Description		
ECX1029-2	1		<u>PDF</u>	22mm metal support base Note: This item is supplied as a replacement part and is not required with any switch assembly. Will not work with Cutler-Hammer 22mm switches sold by AutomationDirect		



ECX1029-2

Replacement contact blocks

	Replacement Contact Blocks									
Part Number	Quantity	Price	Drawing Link	Contacts	Description					
ECX1030-2	2		PDF	Red,	Replacement contact block for 22mm pushbuttons and selector					
ECX1030-5	5		PDF	normally-closed (N.C.) Green,	switches. Tightening Torque, terminal screw: 0.8Nm max mounting screw: 0.5Nm max					
ECX1040-2	2		PDF							
ECX1040-5	5		<u>PDF</u>	normally-open (N.O.)	Note: Will not work with Cutler-Hammer 22mm switches.					
ECX1042-2	2		<u>PDF</u>	Brown, normally-open (N.O.), push-push	Replacement normally open push-push contact blocks for 22mm pushbutton and selector switches, pack of 2. Note: Will not work with Cutler-Hammer 22mm switches.					



ECX1030-2

Note: See electrical specifications on ECX Series 22mm Metal Pilot Devices Specifications page at beginning of this section.

Replacement keys

Replacement Keys						
Part Number	Quantity	Price	Description			
ECX1067-2	Pkg of 2 sets (2 keys per set)		Replacement key for GCX series key-actuated selector switches, pack of 2 sets (2 keys each). NOTE: Will not work with Cutler-Hammer 22mm switches.			



Note: All key-actuated 22mm metal selector switches are keyed alike.

EMERGENCY STOP legend plate

EMERGENCY STOP Legend Plate					
Part Number	Quantity	Price	Drawing Link	Description	
ECX1651	1		PDF	Oversize yellow circular EMERGENCY STOP legend plate for 22mm E-stop type mushroom pushbuttons, 60mm outside diameter.	



ECX1651

Knockout Punches

Ruko's knockout punch hole-cutting tool includes punch, die and draw bolt (without ball bearing). Use for sheet steel, stainless-steel sheets, non-ferrous and light metals, and plastics up to 0.16'' (8 ga.) thick.

Replacement bolts are offered in three of the most popular sizes.

Note: Part number 109225 is recommended when punching holes for 22mm pilot devices.



Two-position short lever operator

2-Position Short Lever Replacement Operator							
Part Number	Lamp Color	Price	2-Position	Use with			
<u>GR1172PR-5</u>	Red		22mm 2-position selector switch illuminated short lever replacement operator, 5/pk				
<u>GR1172PV-5</u>	Green		22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	Part numbers starting with			
<u>GR1172PG-5</u>	Yellow		22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	GCX124, GCX125 GCX324, GCX325			
GR1172PB-5	Blue		22mm 2-position selector switch illuminated short lever replacement operator, 5/pk				
<u>GR1172PN-5</u>	Clear		22mm 2-position selector switch illuminated short lever replacement operator, 5/pk				



GR1172PR-5

Three-position short lever operator

	3-Position Short Lever Replacement Operator							
Part Number	Lamp Color	· Price : 3-Position		Use with				
GR1288PR-5	Red		22mm 3-position selector switch illuminated short lever replacement operator, 5/pk					
<u>GR1288PV-5</u>	Green		22mm 3-position selector switch illuminated short lever replacement operator, 5/pk					
<u>GR1288PG-5</u>	Yellow		22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	Part numbers starting with GCX126, GCX128 GCX326, GCX328				
GR1288PB-5	Blue		22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	G0X328, G0X320				
GR1288PN-5	Clear		22mm 3-position selector switch illuminated short lever replacement operator, 5/pk					



GR1288PR-5

Mushroom switch replacement operator

Mushroom Switch Replacement Operator							
Part Number	Lamp Color	Price	Description	Use with			
PL1171PR-5	Red		22mm, illuminated momentary Mushroom switch replacement operator, red, 5/pk	Part numbers starting with GCX1221, GCX3221 mushroom-style illuminated pushbuttons			
<u>PL1298P-5</u>	Red		22mm illuminated twist-to-release mushroom switch replacement operator, red, 5/pk	Part numbers starting with GCX1226, GCX3226 mushroom-style illuminated pushbuttons			



PL1298P-5

Flush pushbutton replacement operator

	Flush Pushbutton Replacement Operator							
Part Number	Lamp Color	· Price I I I I I I I I I I I I I I I I I I I		Use with				
<u>GR1168PR-5</u>	Red		22mm illuminated flush pushbutton replacement operator, 5/pk					
<u>GR1168PV-5</u>	Green		22mm illuminated flush pushbutton replacement operator, 5/pk					
GR1168PG-5	Yellow		22mm illuminated flush pushbutton replacement operator, 5/pk	Part numbers starting with				
GR1168PB-5	Blue		22mm illuminated flush pushbutton replacement operator, 5/pk	GCX119, GCX120 GCX319, GCX320				
GR1168PN-5	Clear		22mm illuminated flush pushbutton replacement operator, 5/pk					
<u>GR1168PW-5</u>	White		22mm illuminated flush pushbutton replacement operator, 5/pk					



Extended pushbutton replacement operator

	Extended Pushbutton Replacement Operator							
Part Number	Lamp Color	Price	Description	Use with				
PL1308PR-5	Red		22mm illuminated extended pushbutton, replacement operator, 5/pk					
PL1308PV-5	Green		22mm illuminated extended pushbutton, replacement operator, 5/pk					
PL1308PG-5	Yellow		22mm illuminated extended pushbutton, replacement operator, 5/pk	Part numbers starting with				
PL1308PB-5	Blue		22mm illuminated extended pushbutton, replacement operator, 5/pk	GCX121, GCX321				
PL1308PN-5	Clear		22mm illuminated extended pushbutton, replacement operator, 5/pk					
PL1308PW-5	White		22mm illuminated extended pushbutton, replacement operator, 5/pk					



Legend plates

Aluminum legend plates for use with 22mm pilot devices. Black or red field with silver background. O-ring included.







ECX1670A-R03

		Alumin	um Legend Pl	ates		
Legend	Color of Field	Text Color	Background Color	Part Number	Price	Drawing Link
AUTO OFF HAND	Black	Black	Silver	ECX1670A-B46		PDF
Blank Plate	Black	-	Silver	ECX1670A-B		PDF
Blank Plate	Red	-	Silver	ECX1670A-R		PDF
CLAMP	Black	Black	Silver	ECX1670A-B24		PDF
CLOSE	Black	Black	Silver	ECX1670A-B01		PDF
DOWN	Black	Black	Silver	ECX1670A-B02		PDF
EMERG. STOP	Red	Red	Silver	ECX1670A-R03		PDF
EXTEND	Black	Black	Silver	ECX1670A-B51		PDF
FEEDER OFF	Black	Black	Silver	ECX1670A-B26		PDF
FEEDER ON	Black	Black	Silver	ECX1670A-B25		PDF
FOR OFF REV	Black	Black	Silver	ECX1670A-B19		PDF
FOR REV	Black	Black	Silver	ECX1670A-B13		PDF
FORWARD	Black	Black	Silver	ECX1670A-B04		PDF
GRIP	Black	Black	Silver	ECX1670A-B53		PDF
HAND-AUTO	Black	Black	Silver	ECX1670A-B14		PDF
HAND OFF AUTO	Black	Black	Silver	ECX1670A-B20		PDF
HIGH	Black	Black	Silver	ECX1670A-B27		PDF
HIGH LOW	Black	Black	Silver	ECX1670A-B43		PDF
IN	Black	Black	Silver	ECX1670A-B28		PDF
INCH	Black	Black	Silver	ECX1670A-B29		PDF
JOG	Black	Black	Silver	ECX1670A-B05		PDF
JOG FOR	Black	Black	Silver	ECX1670A-B30		PDF
JOG REV	Black	Black	Silver	ECX1670A-B31		PDF
JOG RUN	Black	Black	Silver	ECX1670A-B15		PDF
LOW	Black	Black	Silver	ECX1670A-B32		PDF
LOWER	Black	Black	Silver	ECX1670A-B33		PDF
MAN AUTO	Black	Black	Silver	ECX1670A-B44		PDF

Note: Legend plate text is 3mm in height Continued on next page





ECX1670A-B48

ECX1670A-R11

	Aluminum Legend Plates (continued)					
Legend	Color of Field	Text Color	Background Color	Part Number	Price	Drawing Link
MAN OFF AUTO	Black	Black	Silver	ECX1670A-B47		PDF
MOTOR RUN	Black	Black	Silver	ECX1670A-B22		PDF
MOTOR STOP	Black	Black	Silver	ECX1670A-B23		<u>PDF</u>
OFF	Black	Black	Silver	ECX1670A-B34		PDF
OFF ON	Black	Black	Silver	ECX1670A-B16		PDF
ON	Black	Black	Silver	ECX1670A-B06		PDF
OPEN	Black	Black	Silver	ECX1670A-B07		PDF
OPEN OFF CLOSE	Black	Black	Silver	ECX1670A-B48		PDF
OPEN CLOSE	Black	Black	Silver	ECX1670A-B17		PDF
ОИТ	Black	Black	Silver	ECX1670A-B35		PDF
POWER ON	Black	Black	Silver	ECX1670A-B21		PDF
PULL ON PUSH OFF	Black	Black	Silver	ECX1670A-B50		PDF
RAISE	Black	Black	Silver	ECX1670A-B36		PDF
READY	Black	Black	Silver	ECX1670A-B37		PDF
RELEASE	Black	Black	Silver	ECX1670A-B54		PDF
RESET	Black	Black	Silver	ECX1670A-B38		PDF
RETRACT	Black	Black	Silver	ECX1670A-B52		PDF
REVERSE	Black	Black	Silver	ECX1670A-B08		PDF
RUN	Black	Black	Silver	ECX1670A-B09		PDF
SAFE RUN	Black	Black	Silver	ECX1670A-B45		PDF
START	Black	Black	Silver	ECX1670A-B10		PDF
STOP	Black	Black	Silver	ECX1670A-B11		PDF
STOP	Red	Red	Silver	ECX1670A-R11		PDF
TEST	Black	Black	Silver	ECX1670A-B39		PDF
TRANSFER	Black	Black	Silver	ECX1670A-B40		PDF
TRIP	Black	Black	Silver	ECX1670A-B41		PDF
UNCLAMP	Black	Black	Silver	ECX1670A-B42		PDF
UP	Black	Black	Silver	ECX1670A-B12		PDF
UP OFF DOWN	Black	Black	Silver	ECX1670A-B49		PDF
UP DOWN	Black	Black	Silver	ECX1670A-B18		PDF

Note: Legend plate text is 3mm in height





ECX1680A-B17

ECX1680A-R03

	Jumbo Aluminum Legend Plates					
Legend	Color of Field	Text Color	Background Color	Part Number	Price	Drawing Link
Blank Plate	Black	-	Silver	ECX1680A-B		PDF
Blank Plate	Red	-	Silver	ECX1680A-R		PDF
EMERG. STOP	Red	Red	Silver	ECX1680A-R03		PDF
HAND OFF AUTO	Black	Black	Silver	ECX1680A-B20		PDF
JOG	Black	Black	Silver	ECX1680A-B05		PDF
OFF ON	Black	Black	Silver	ECX1680A-B16		PDF
OPEN CLOSE	Black	Black	Silver	ECX1680A-B17		PDF
POWER ON	Black	Black	Silver	ECX1680A-B21		PDF
START	Black	Black	Silver	ECX1680A-B10		PDF
STOP	Red	Red	Silver	ECX1680A-R11		PDF

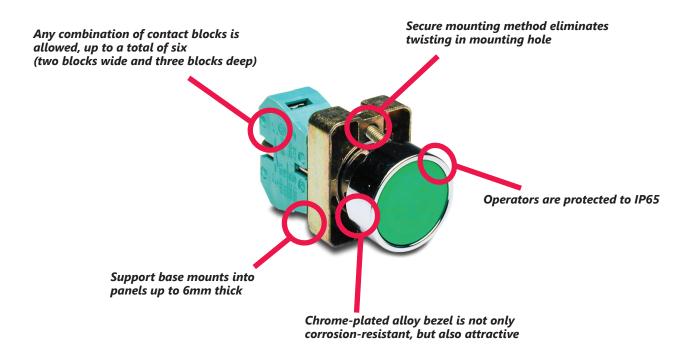
Note: Legend plate text is 3mm in height

E22 Series Cross-reference Tables

	Pushbutton,	Indicator Light, and Selector S	witch Cross Referen	ce
Cutler-Hammer	Allen-Bradley	Telemecanique XB2B (chrome bezel) XA2B (black bezel)	GE C-2000	Siemens
		Non-Illuminated Pushbuttons		
E22PB1A	800EPF2 800E3LX10	ZA2BA2 ZA2BZ101	P9XPNNG10N0	3SB1000-0AB01 3SB02-CBH 3SB1400-0B
E22PB3A	800EPF3 800E3LX10	ZA2BA3 ZA2BZ101	P9XPNVG10N0	3SB1000-0AE01 3SB02-CBH 3SB1400-0B
E22EB2B	800EPE4 800E3LX01	ZA2BL4 ZA2BZ102	P9XPNRS20N0	3SB1000-0LC01 3SB02-CBH 3SB1400-0B
E22ASB204	ENCLSR: 800E-2P 800EP-F3 800E-2LX10 800EP-E4 800E-2LX01 800E-34BE208 800E-34R212	XALB211 Both flush - stop is not extended	P9CPNRSN20NO P9CPNVGN10NO P9EPB02 P9AEPN201 P9AEPN202	3SB02-S21
		Illuminated Pushbuttons		
E22TB2X4B	800EPLE4 800E3DL3 800E3X01	ZA2BW14 ZA2BW06224	P9XPLRSDN12NADI	3SB1001-OLC01 3SB02-CBH 3SB1400-0C 3SB1400-2H
E22TB3X4A	800EPLE3 800E3DL3 800E3X10	ZA2B213 AZ2B206124	P9XPLVSDN12NADI	3SB1001-0LE01 3SB02-CBH 3SB1400-0B 3SB1440-2H
E22TB9X4A	800EPLE5 800E3DL3 800E3X10	ZA2BW15 ZA2BW06124	P9XPLASDN12NADI	3SB1001-0LD01 3SB02-CBH 3SB1400-0B 3SB1400-2H
E22TB2X10B	800EPLE4 800E2RL5 800E3X01	ZA2BW14 ZA2BW062120	P9XPLRSB P9PRNVJ P9PDNVD	3SB1001-0LC01 3SB02-CBH 3SB1400-0C
E22TB3X10A	800EPLE3 800E2RL5 800E3X10	ZA2BW13 ZA2BW061120	P9XPLVSD P9PRNVJ P9PDNVD	3SB02-UPR1P 3SB1910-0DE 3SB1400-OB
E22TB9X10A	800DPLE5 800E2RL5 800E3X10	ZA2BW15 ZA2B2061120	P9XPLASD P9PRNVJ P9PDNVD	3SB02-UPR1P 3SB1910-0DD 3SB1400-0B

GCX Series 22mm Metal Pilot Devices

Features



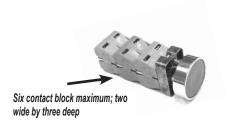
Easy installation

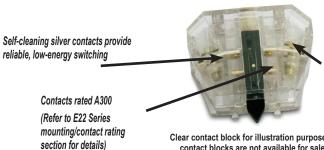


To remove operator, press toward support base and twist counterclockwise.



To install switch, place support base against rear of panel (not shown here), insert the operator and twist clockwise until it clicks into place. Carefully tighten the securing screws. Do not over-tighten.



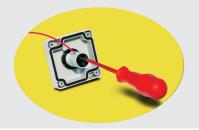


Clear contact block for illustration purposes. Clear contact blocks are not available for sale from AutomationDirect.

Pressure plate wiring terminals for easy, secure wiring, accepting up to 14 AWG wire

> Minimum current rating 15mA @ 24vdc

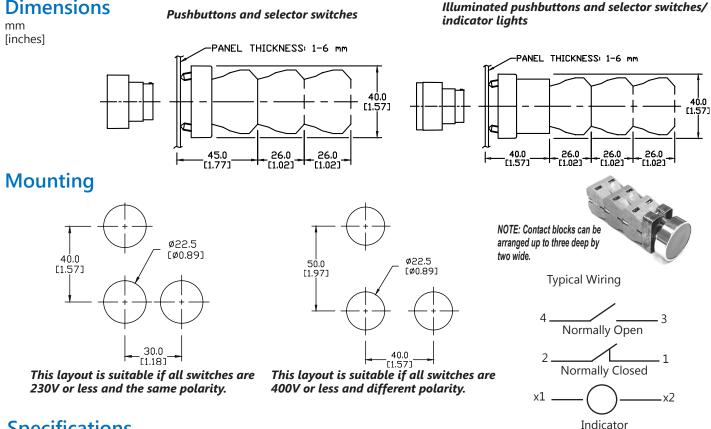
All indicators offer side wire entry with back screw terminals for easy wiring



GCX Series 22mm Plastic Pilot Devices Specifications

Assembly information

These pushbuttons and indicator lights are supplied with the appropriate contact blocks, unless otherwise indicated. Use these drawings as a guide to make sure there is adequate clearance behind the panel.



Specifications

These specifications apply to all the GCX and ECX 22mm plastic pushbuttons and switches.

Phy	sical Specifications			
Standards Reference	CEI EN 60947-5-1, CSA C22-2 n.14			
Approvals	UL File E189258, IMQ (where specified)			
Enclosure Material	Fiberglass reinforced thermoplastic			
Contacts Material	Silver			
Protection Degree IP 40 for GCX3151-24, GCX3151-120, GCX3153-24 GCX3153-120. IP 65 for all others. (See Appendix of to catalog for explanation of IP ratings according to IEC CEI 70-1.)				
Electric Shock Protection	IEC 536, Class II			
Temperature Ratings	Storage: -40 -to 80°C (-40 to 176° F) Operating: -25° to +70°C (-13° to 158° F)			
Working Positions	All working positions are allowed			
Mechanical Life	Pushbuttons, selector switches, joy stick switches: 1,000,000 operations Emergency mushrooms and push-push pushbuttons: 300,000 operations			
Positive Opening Operation	(according to IEC 947-5-1) All functions incorporating an NC contact are positive opening operation			

Electri	Electrical Specifications			
Rated Thermal Current (contact block)	A300, Q300 (Refer to E22 Series mounting/contact rating section for details)			
Rated Insulation Voltage	Ui 660V according to CEI EN 60947-5-1, 300V according to CSA C22-2 n.14 and UL 508			
Dielectric Strength	3kV (1 second)			
Insulation Resistance	2MΩ min. (500VDC)			
Initial Contact Resistance	≤25mΩ			
Short-Circuit Protection*	Cartridge fuses gl 10 A-500V 10, 3x38l1 100 KA			
Terminal Markings	According to CENELEC EN 50013			
Connections	Single screw with non-loosening plate clamp,14AWG max.,Tighten to 0.8Nm max			
Contacts Operation	Self-cleaning types EN01 (N.C.) EN 10 (N.O.) slow-action, positive opening			
Operation Frequency	3600 operations per hour max.			
Utilization Category	AC15 (Control of AC electromagnetic loads) 24 volts AC at 10 amps 130 volts AC at 6.5 amps DC13 (Control of DC electromagnetic loads) 24 volts DC at 1.5 amps 110 volts DC at 0.5 amps			

*Note: Recommended, not supplied