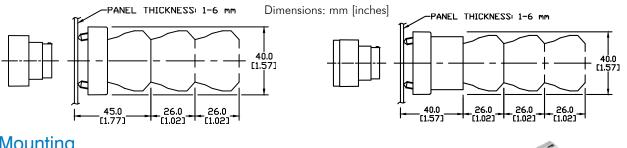
GCX Series 22mm Plastic Pilot Devices Specifications

Assembly information

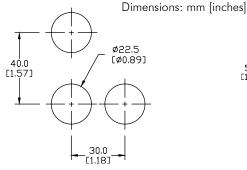
These pushbuttons and indicator lights are supplied with the appropriate contact blocks, unless otherwise indicated. Use these drawings as a guide to make sure there is adequate clearance behind the panel.

Pushbuttons and selector switches

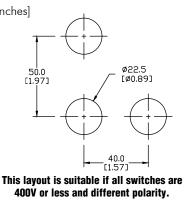
Illuminated pushbuttons and selector switches/indicator lights



Mounting

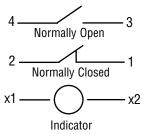


This layout is suitable if all switches are 230V or less and the same polarity.



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

Typical Wiring



Specifications

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

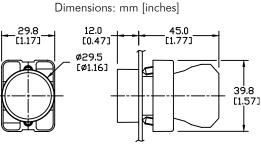
	Physical Specifications	Elect	trical Specifications
Standards Reference	CEI EN 60947-5-1, CSA C22-2 n.14	Rated Thermal Current (contact block)	A300, Q300 (Refer to E22 Series mounting/contact rating section for details)
Approvals	UL File E189258, IMQ (where specified)	Rated Insulation Voltage	Ui 660V according to CEI EN 60947-5-1, 300V according to CSA C22-2 n.14 and UL 508
Enclosure Material	Fiberglass reinforced thermoplastic	Dielectric Strength	3kV (1 second)
Contacte	01	Insulation Resistance	2MΩ min. (500VDC)
Material	Silver	Initial Contact Resistance	≤25mΩ
Protection	IP 40 for GCX3151-24, GCX3151-120, GCX3153-24 and GCX3153-120. IP 65 for all others.(See Appendix of this catalog	Short-Circuit Protection*	Cartridge fuses gl 10 A-500V 10, 3x38l1 100 KA
Degree	for explanation of IP ratings according to IEC 144 CEI 70-1.)	Terminal Markings	According to CENELEC EN 50013
Electric Shock Protection	IEC 536, Class II	Connections	Single screw with non-loosening plate clamp,14AWG max., Tighten to 0.8Nm max
Temperature Ratings	Storage: -40° -to 80°C (-40° to 176° F) Operating: -25° to +70°C (-13° to 158° F)	Contacts Operation	Self-cleaning types EN01 (N.C.) EN 10 (N.O.) slow action, positive opening
Working	All working positions are allowed	Operation Frequency	3600 operations per hour max.
Positions Mechanical Life	Pushbuttons, selector switches, joy stick switches: 1,000,000 operations Emergency mushrooms and push-push pushbuttons: 300,000 operations	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
Positive Opening Operation	(according to IEC 947-5-1) All functions incorporating an NC contact are positive opening operation	*Note: Recommended, not suppl	

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

GCX Series 22mm Plastic Pushbuttons

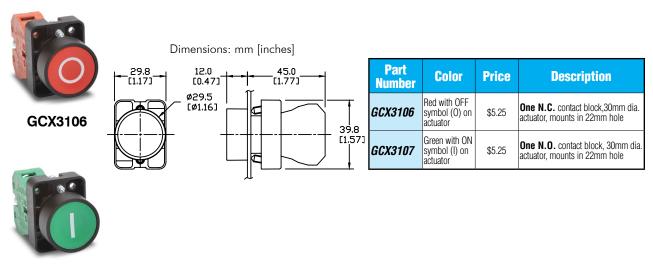
Momentary flush pushbuttons with protective plastic ring (30mm dia. actuator)





Part Number	Color	Price	Description
GCX3100	Black	\$4.75	One N.O. contact block, 30mm dia. actuator, mounts in 22mm hole
GCX3101	Red	\$4.75	One N.C. contact block, 30mm dia. actuator, mounts in 22mm hole
GCX3102	Green	\$4.75	
GCX3103	Yellow	\$4.75	One N.O. contact block, 30mm dia.
GCX3104	Blue	\$4.75	actuator, mounts in 22mm hole
GCX3105	White	\$4.75	

Momentary Flush ON/OFF pushbuttons with protective plastic ring (30mm dia. actuator)



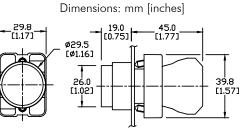
GCX3107

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

GCX Series 22mm Plastic Pushbuttons

Momentary extended pushbuttons





Part Number	Color	Price	Description
GCX3110	Black	\$5.25	One N.O. contact block, extended 30mm dia. actuator, mounts in 22mm hole
GCX3111	Red	\$5.25	One N.C. contact block, extended 30mm dia. actuator, mounts in 22mm hole
GCX3112	Green	\$5.25	
GCX3113	Yellow	\$5.25	One N.O. contact block, extended 30mm dia. actuator, mounts in
GCX3114	Blue	\$5.25	22mm hole
GCX3115	White	\$5.25	

GCX3113

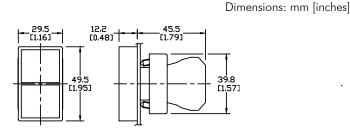
Double-headed momentary pushbuttons

Part Number	Price	Double-headed Momentary Pushbuttons Description
GCX3150	\$9.75	Double-headed for on/off control, One N.O. and one N.C. contact block, fits in 22mm dia. hole, without symbols
GCX3151-24	\$15.00	24VDC/VAC double-headed with indicator, faces without symbols. One N.O. and one N.C. contact block, fits in 22mm dia. hole
GCX3151-120	\$15.50	120VDC/VAC double-headed with indicator, faces without symbols. One N.O. and one N.C. contact block, fits in 22mm dia. hole
GCX3152	\$10.50	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
GCX3153-24*	\$15.50	24VDC/VAC double-headed with indicator, with ON (1) and OFF (0) symbols. One N.O. and one N.C. contact block
GCX3153-120*	\$16.00	120VDC/AC double-headed with indicator, with ON (1) and OFF (0) symbols. One N.O. and one N.C. contact block

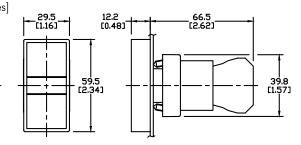
* Note: Lamp data in 22mm Plastic Pilot Device Accessories in this section.



GCX3152 (with on/off symbols)



GCX3151-24



GCX3151-24, GCX3153-24, GCX3151-120, GCX3153-120 models

GCX3150, GCX3152 models

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

Pilot Devices tPIL-5

GCX Series 22mm Plastic Pushbuttons without Contact Block

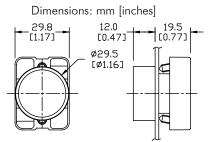
Momentary flush pushbutton operator (without contact block) (30mm dia. actuator)





GCX3100-SC

GCX3101-SC

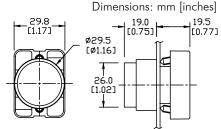


NOTE: Contact block sold separately. See accessories.

Momentary extended pushbutton operator (without contact block) (30mm dia. actuator)



GCX3111-SC



NOTE: Contact block sold separately. See accessories.

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

Part Number	Color	Price	Description
GCX3100-SC	Black	\$2.50	22mm plastic pushbutton operator, flush, includes 30mm diameter operator and support base ONLY. Contact blocks sold separately. Mounts in 22mm hole.
GCX3101-SC	Red	\$2.50	22mm plastic pushbutton operator, flush, includes 30mm diameter operator and support base ONLY. Contact blocks sold separately. Mounts in 22mm hole.
GCX3102-SC	Green	\$2.50	22mm plastic pushbutton operator, flush, includes 30mm diameter operator and support base ONLY. Contact blocks sold separately. Mounts in 22mm hole.

Part Number	Color	Price	Description
GCX3110-SC	Black	\$2.50	22mm plastic pushbutton operator, extended, includes 30mm diameter operator and support base ONLY. Contact block sold separately. Mounts in 22mm hole.
GCX3111-SC	Red	\$2.50	22mm plastic pushbutton operator, extended, includes 30mm diameter operator and support base ONLY. Contact block sold separately. Mounts in 22mm hole.
GCX3112-SC	Green	\$2.50	22mm plastic pushbutton operator, extended, includes 30mm diameter operator and support base ONLY. Contact block sold separately. Mounts in 22mm hole.

Contact Blocks

Contact blocks are availble for all these products. See accessories.

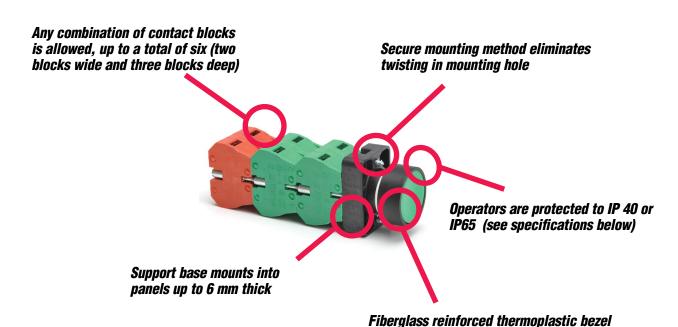


ECX1040-2

ECX1030-2

GCX Series 22mm Plastic Pilot Devices

Features

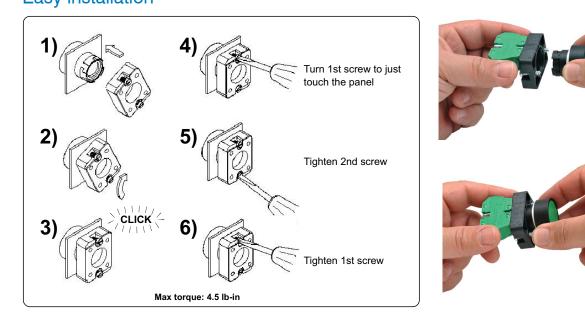


Easy installation

All indicators offer side wire

entry with back screw

terminals for easy wiring



Self-cleaning silver contacts provide reliable, low-energy switching

> Contacts rated A300 (Refer to E22 Series mounting/contact rating section for details)



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

www.automationdirect.com/pushbuttons-lights

Pilot Devices tPIL-1

Replacement incandescent bulbs



ECX1902-5

Replacement LED lamps



ECX1915-2

Hole plug



ECX1490

Protective covers for pushbuttons



ECX1703-5

Knockout Punches



109225

Replacement Incandescent Bulbs							
Part Number	Quantity	Price	Rating	Description			
ECX1900-5	Pkg of 5 bulbs	\$8.75		6V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4			
ECX1902-5	Pkg of 5 bulbs	\$8.75	24V@ 80mA 2 watts	24V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4			
ECX1904-5	Pkg of 5 bulbs	\$18.00	130V@20mA 2.6 watts	120V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4			

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

	Replacement LED Lamps							
Part Number	Color	Quantity	Price	Rating	Description			
ECX1911-2	Red		\$16.00					
ECX1912-2	Green]	\$20.00					
ECX1913-2	Yellow		\$16.00	24V@26mA 0.6 watts 	LED replacement lamp for miniature bayonet			
ECX1914-2	Blue		\$21.50		bases Works with 22mm switches and indicators, but illumination will not be as even when used with the ECX 22mm indicators Note: Will not replace sealed Cutler-Hammer			
ECX1915-2	White	Pkg of 2 LED	\$26.00					
ECX1921-2	Red	ĭlamps	\$16.00					
ECX1922-2	Green		\$20.00					
ECX1923-2	Yellow		\$16.00		monoblock LED indicators.			
ECX1924-2	Blue		\$21.50					
ECX1925-2	White		\$26.00					

Note: LED modules have very low current draw and should not be used with triac output devices like PLC triac output modules. It is recommended that dry contact outputs be used to switch 120 volt AC LED modules.

Hole Plug					
Part Number	Color	Price	Description		
ECX1490	Black	\$2.75	Plastic hole plug for 22.5 mm openings in panels and enclosures; supplied with O-ring and mounting screw. Two plugs per package.		

Protective Covers for Pushbuttons						
Part Number	Color	Quantity	Price	Description		
ECX1700-5	Black		\$6.75			
ECX1701-5	Red]	\$6.75	Silicone protective covers for use with 22mm standard-size flush		
ECX1702-5	Green		\$6.75	pushbuttons. Will not work with Cutler-Hammer pushbuttons, 22mm plastic		
ECX1703-5	Yellow	Pkg of 5	\$6.75	illuminated or extended pushbuttons, or 22mm plastic pushbut-		
ECX1704-5	Blue	protective caps	\$6.75	tons with 40mm actuator face.		
ECX1705-5	Clear		\$6.75			
ECX1706-5	Clear		\$12.00	Clear silicone protective covers for use with 22mm illuminated and extended pushbuttons only. Will not work with Cutler-Hammer pushbuttons or 22mm mushroom pushbuttons.		

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. See the Tools section of the catalog for details.

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

Replacement keys

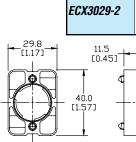


Replacement Keys						
Part Number	Quantity	Price	Description			
ECX1067-2	Pkg of 2	\$6.00	Replacement key for GCX series key-actuated selector switches, pack of 2 sets (2 keys each). NOTE: Will not work with Cutler-Hammer 22mm switches.			

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

Replacement 22mm support base





 Replacement 22mm Support Base

 Part Number
 Quantity
 Price
 Description

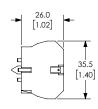
 ECX3029-2
 Pkg of 1
 \$1.75
 \$2mm plastic support base Note: This item is supplied as a replacement part and is not required with any switch assembly. Will not work with Cutler-Hammer 22mm switches sold by AutoMATIONDIRECT

Dimensions: mm [inches]

Replacement contact blocks



Replacement Contact Blocks Part Number Quantity Price Contacts Description ECX1030-2 Pkg of 2 Red, normally-closed (N.C.) Replacement contact block for 22mm pushbuttons and selector switches. \$6.50 ECX1030-5 \$15.50 Pkg of 5 Tightening Torque, terminal screw: 0.8 N·m max mounting screw: 0.5 N·m max ECX1040-2 Pkg of 2 \$6.50 Green, normally-open Note: Will not work with Cutler-Hammer (N.O.) ECX1040-5 Pkg of 5 \$15.50 22mm switches sold by AutomationDirect Brown, normally-open ECX1042-2 Pkg of 2 \$6.50 Use on lighted Push-push button only (N.O.), push-push



Note: See electrical specificatons on GCX Series 22mm Plastic Pilot Devices Specifications page at beginning of this section.

Dimensions: mm [inches]

EMERGENCY STOP legend plate

14.7

0.58

∃⊙



Two-position short lever operator



GR1172PR-5

EMERGENCY STOP Legend Plate						
Part Number	Quantity	Price	Description			
ECX1651	pkg. of 1	\$2.75	Oversize yellow circular EMERGENCY STOP legend plate for 22mm E-stop type mushroom pushbuttons, 60mm outside diameter.			

	Short Lever Replacement Operator				
Part Number	Part Number Lamp Color Price 2-Position		Use with		
GR1172PR-5	Red	\$15.00	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk		
GR1172PV-5	Green	\$15.00	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk		
GR1172PG-5	Yellow	\$15.00	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	Part numbers starting with GCX124, GCX125 GCX324, GCX325	
GR1172PB-5	Blue	\$15.00	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	00,024, 00,020	
GR1172PN-5	Clear	\$15.00	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk		

Three-position short lever operator



Short Lever Replacement Operator				
Part Number	Lamp Color	Price	3-Position	Use with
GR1288PR-5	Red	\$15.00	22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	
GR1288PV-5	Green	\$15.00	22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	
GR1288PG-5	Yellow	\$15.00	22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	Part numbers starting with GCX126, GCX128 GCX326, GVX328
GR1288PB-5	Blue	\$15.00	22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	00,020, 00,020
GR1288PN-5	Clear	\$15.00	22mm 3-position selector switch illuminated short lever replacement operator, 5/pk	

Mushroom switch replacement operator



	Mushroom Switch Replacement Operator				
Part Number	Lamp Color	Price	Description	Use with	
PL1171PR-5	Red	\$6.50	22mm, illuminated momentary Mushroom switch replacement operator, red, 5/pk	Part numbers starting with GCX1221, GCX3221 mushroom-style illuminated pushbuttons	
PL1298P-5	Red	\$6.50	22mm illuminated twist-to-release mushroom switch replacement operator, red, 5/pk	Part numbers starting with GCX1226, GCX3226 mushroom-style illuminated pushbuttons	

Flush pushbutton replacement operator



GR1168PR-5

Extended pushbutton replacement operator



PL1308PR-5

	Flush Pushbutton Replacement Operator				
Part Number	Lamp Color	Price	Description	Use with	
GR1168PR-5	Red	\$8.25	22mm illuminated flush pushbutton replacement operator, 5/pk		
GR1168PV-5	Green	\$8.25	22mm illuminated flush pushbutton replacement operator, 5/pk		
GR1168PG-5	Yellow	\$8.25	22mm illuminated flush pushbutton replacement operator, 5/pk	Part numbers starting with GCX119, GCX120	
GR1168PB-5	Blue	\$8.25	22mm illuminated flush pushbutton replacement operator, 5/pk	GCX319, GCX320 GCX319, GCX320	
GR1168PN-5	Clear	\$8.25	22mm illuminated flush pushbutton replacement operator, 5/pk		
GR1168PW-5	White	\$8.25	22mm illuminated flush pushbutton replacement operator, 5/pk		

Extended Pushbutton Replacement Operator				
Part Number	Lamp Color	Price	Description	Use with
PL1308PR-5	Red	\$6.25	22mm illuminated extended pushbutton, replacement operator, 5/pk	
PL1308PV-5	Green	\$6.25	22mm illuminated extended pushbutton, replacement operator, 5/pk	
PL1308PG-5	Yellow	\$6.25	22mm illuminated extended pushbutton, replacement operator, 5/pk	Part numbers starting with
PL1308PB-5	Blue	\$6.25	22mm illuminated extended pushbutton, replacement operator, 5/pk	GCX121, GCX321
PL1308PN-5	Clear	\$6.25	22mm illuminated extended pushbutton, replacement operator, 5/pk	
PL1308PW-5	White	\$6.25	22mm illuminated extended pushbutton, replacement operator, 5/pk	

Note: All dimensions are in inches [millimeters].

Plastic Legend Plates

Color Catalog

22mm Plastic Pilot Device Accessories

Plastic Legend Plates

Part

Price

Color

Legend plates

Plastic legend plates for use with 22mm pilot devices. White engraved text on colored background. O-ring included.

Legend



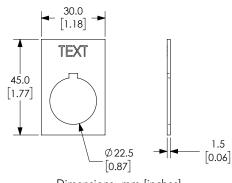
ECX1670-B07



Logona	ot Field	Number	11100
AUTO OFF HAND	Black	ECX1670-B46	\$3.50
Blank Plate	Black	ECX1670-B	\$3.00
Blank Plate	Red	ECX1670-R	\$3.00
CLAMP	Black	ECX1670-B24	\$3.50
CLOSE	Black	ECX1670-B01	\$3.00
DOWN	Black	ECX1670-B02	\$3.00
EMERG. STOP	Red	ECX1670-R03	\$3.00
EXTEND	Black	ECX1670-B51	\$3.50
FEEDER OFF	Black	ECX1670-B26	\$3.50
FEEDER ON	Black	ECX1670-B25	\$3.50
FOR OFF REV	Black	ECX1670-B19	\$3.00
FOR-REV	Black	ECX1670-B13	\$3.00
FORWARD	Black	ECX1670-B04	\$3.00
GRIP	Black	ECX1670-B53	\$3.50
HAND-AUTO	Black	ECX1670-B14	\$3.00
HAND OFF AUTO	Black	ECX1670-B20	\$3.00
HIGH	Black	ECX1670-B27	\$3.50
HIGH LOW	Black	ECX1670-B43	\$3.50
IN	Black	ECX1670-B28	\$3.50
INCH	Black	ECX1670-B29	\$3.50
JOG	Black	ECX1670-B05	\$3.00
JOG FOR	Black	ECX1670-B30	\$3.50
JOG REV	Black	ECX1670-B31	\$3.50
JOG-RUN	Black	ECX1670-B15	\$3.00
LOW	Black	ECX1670-B32	\$3.50
LOWER	Black	ECX1670-B33	\$3.50

-		6
LOWER	Black	1

Note: Legend plate text is 3mm in height



Legend	of Field	Number	Price
MAN AUTO	Black	ECX1670-B44	\$3.50
MAN OFF AUTO	Black	ECX1670-B47	\$3.50
MOTOR RUN	Black	ECX1670-B22	\$3.00
MOTOR STOP	Black	ECX1670-B23	\$3.00
0FF	Black	ECX1670-B34	\$3.50
OFF-ON	Black	ECX1670-B16	\$3.00
ON	Black	ECX1670-B06	\$3.00
OPEN	Black	ECX1670-B07	\$3.00
OPEN OFF CLOSE	Black	ECX1670-B48	\$3.50
OPEN-CLOSE	Black	ECX1670-B17	\$3.00
OUT	Black	ECX1670-B35	\$3.50
POWER ON	Black	ECX1670-B21	\$3.00
PULL ON PUSH OFF	Black	ECX1670-B50	\$3.50
RAISE	Black	ECX1670-B36	\$3.50
READY	Black	ECX1670-B37	\$3.50
RELEASE	Black	ECX1670-B54	\$3.50
RESET	Black	ECX1670-B38	\$3.50
RETRACT	Black	ECX1670-B52	\$3.50
REVERSE	Black	ECX1670-B08	\$3.00
RUN	Black	ECX1670-B09	\$3.00
SAFE RUN	Black	ECX1670-B45	\$3.50
START	Black	ECX1670-B10	\$3.00
STOP	Black	ECX1670-B11	\$3.00
STOP	Red	ECX1670-R11	\$3.00
TEST	Black	ECX1670-B39	\$3.50
TRANSFER	Black	ECX1670-B40	\$3.50
TRIP	Black	ECX1670-B41	\$3.50
UNCLAMP	Black	ECX1670-B42	\$3.50
UP	Black	ECX1670-B12	\$3.00
UP OFF DOWN	Black	ECX1670-B49	\$3.50
UP-DOWN	Black	ECX1670-B18	\$3.00

Dimensions: mm [inches]

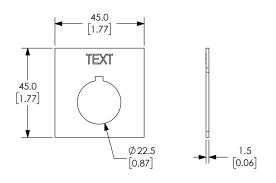
OFF-ON	

ECX1690-B16

Jumbo Plastic Legend Plates				
Legend	Color of Field	Part Number	Price	
Blank Plate	Black	ECX1690-B	\$3.50	
Blank Plate	Red	ECX1690-R	\$3.50	
EMERG. STOP	Red	ECX1690-R03	\$3.50	
HAND-OFF-AUTO	Black	ECX1690-B20	\$3.50	
JOG	Black	ECX1690-B05	\$3.50	
OFF-ON	Black	ECX1690-B16	\$3.50	
OPEN-CLOSE	Black	ECX1690-B17	\$3.50	
POWER ON	Black	ECX1690-B21	\$3.50	
START	Black	ECX1690-B10	\$3.50	
STOP	Red	ECX1690-R11	\$3.50	

Note: Legend plate text is 3mm in height





Dimensions: mm [inches]

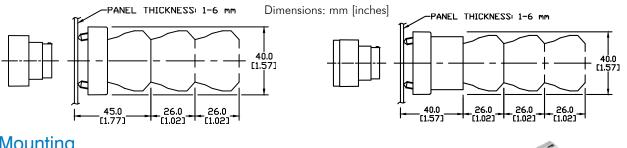
GCX Series 22mm Plastic Pilot Devices Specifications

Assembly information

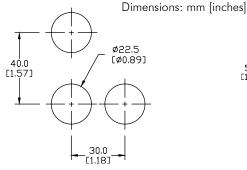
These pushbuttons and indicator lights are supplied with the appropriate contact blocks, unless otherwise indicated. Use these drawings as a guide to make sure there is adequate clearance behind the panel.

Pushbuttons and selector switches

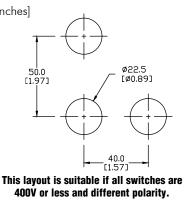
Illuminated pushbuttons and selector switches/indicator lights



Mounting

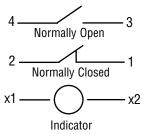


This layout is suitable if all switches are 230V or less and the same polarity.



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

Typical Wiring



Specifications

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

	Physical Specifications	Electrical Specifications		
Standards Reference	CEI EN 60947-5-1, CSA C22-2 n.14	Rated Thermal Current (contact block)	A300, Q300 (Refer to E22 Series mounting/contact rating section for details)	
Approvals	UL File E189258, IMQ (where specified)	Rated Insulation Voltage	Ui 660V according to CEI EN 60947-5-1, 300V according to CSA C22-2 n.14 and UL 508	
Enclosure Material	Fiberglass reinforced thermoplastic	Dielectric Strength	3kV (1 second)	
Contacte	01	Insulation Resistance	2MΩ min. (500VDC)	
Material	Silver	Initial Contact Resistance	≤25mΩ	
Protection	IP 40 for GCX3151-24, GCX3151-120, GCX3153-24 and GCX3153-120. IP 65 for all others.(See Appendix of this catalog	Short-Circuit Protection*	Cartridge fuses gl 10 A-500V 10, 3x38l1 100 KA	
Degree	or explanation of IP ratings according to IEC 144 CEI 70-1.)	Terminal Markings	According to CENELEC EN 50013	
Electric Shock Protection	IEC 536, Class II	Connections	Single screw with non-loosening plate clamp,14AWG max., Tighten to 0.8Nm max	
Temperature Ratings	Storage: -40° -to 80°C (-40° to 176° F) Operating: -25° to +70°C (-13° to 158° F)	Contacts Operation	Self-cleaning types EN01 (N.C.) EN 10 (N.O.) slow action, positive opening	
Working	All working positions are allowed	Operation Frequency	3600 operations per hour max.	
Positions Mechanical Life	Pushbuttons, selector switches, joy stick switches: 1,000,000 operations Emergency mushrooms and push-push pushbuttons: 300,000 operations	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	
Positive Opening Operation	(according to IEC 947-5-1) All functions incorporating an NC contact are positive opening operation	*Note: Recommended, not suppl		

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.