1-800-633-0405 **GCX Series 22mm Plastic Key Switches** and Selector Switches

Key-Operated Selector Switches



GCX3420

	Key-Operated Selector Switches						
Part Number	Price	Drawing Link	Description				
<u>GCX3420</u>	\$15.50	PDF	AutomationDirect selector switch, 22mm, 2-position, maintained, key removable in all positions, (1) N.O. contact(s), plastic base, plastic bezel, Operator: black, key, 30mm, round, plastic.				
<u>GCX3430</u>	\$15.50	<u>PDF</u>	AutomationDirect selector switch, IP65, 22mm, 2-position, spring return from right, key removable left position, (1) N.O. contact(s), plastic base, plastic bezel, Operator: black, key, 30mm, round, plastic.				
<u>GCX3470-22</u>	\$22.50	<u>PDF</u>	AutomationDirect selector switch, 22mm, 3-position, maintained, key removable in all positions, (2) N.O./(2) N.C. contact(s), plastic base, plastic bezel, Operator: black, key, 30mm, round, plastic.				



Note: Keyed switches come with two keys. All plastic 22mm keyed switches are keyed the same. Replacement keys are available. Order part no. ECX1067-2 (pkg. of 2). Keys for plastic 22mm keyed switches are not compatible with Cutler-Hammer key switches.



Note: When using switches having two-deep contact blocks (such as, Model GCX3470-22) with the 22mm plastic enclosures, be sure to use enclosures that are 74mm deep. 51 mm-deep enclosures are too shallow and the switch body will not fit.

Two-Position Selector Switches



GCX3300 Knob version

	Two-Position Selector Switches						
Part Number	Price Drawing Link		Description				
<u>GCX3300</u>	\$8.25	<u>PDF</u>	AutomationDirect selector switch, 22mm, 2-position, maintained, (1) N.O. contact(s), plastic base, plastic bezel, Operator: black, knob, 30mm, round, plastic.				
<u>GCX3310</u>	\$9.00	<u>PDF</u>	AutomationDirect selector switch, 22mm, 2-position, spring return from right, (1) N.O. contact(s), plastic base, plastic bezel, Operator: black, knob, 30mm, round, plastic.				
<u>GCX3350</u>	\$9.00	<u>PDF</u>	AutomationDirect selector switch, 22mm, 2-position, maintained, (1) N.O. contact(s), plastic base, plastic bezel, Operator: black, lever, 30mm, round, plastic.				
<u>GCX3360</u>	\$9.50	<u>PDF</u>	AutomationDirect selector switch, 22mm, 2-position, spring return from right, (1) N.O. contact(s), plastic base, plastic bezel, Operator: black, lever, 30mm, round, plastic.				



GCX3350 Lever version

Contact Closure Sequence - 2-Position Switch								
Contact		Arrangement from front)	Switch Position (viewed from front)					
Blocks	Left	Right	Left (Note 1)	Right (Note 2)				
1 x N.C.	N.C.		Х					
TXN.C.		N.C.	Х					
1	N.O.			Х				
1 x N.O.		N.O.		Х				
2 x N.C.	N.C.	N.C.	XX					
2 x N.O.	N.O.	N.O.		XX				

Note 1: Left switch position deactivates all contacts. Note 2: Right switch position activates all contacts.

1-800-633-0405 **GCX Series 22mm Plastic Selector Switches**

Three-Position Selector Switches



GCX3330-22 Knob version



GCX3370-22 Lever version

	Three-Position Selector Switches							
Part Number	Price	Drawing Link	Description					
<u>GCX3320-22</u>	\$16.00	<u>PDF</u>	AutomationDirect selector switch, 22mm, 3-position, maintained, (2) N.O./(2) N.C. contact(s), plastic base, plastic bezel, Operator: black, knob, 30mm, round, plastic.					
<u>GCX3330-22</u>	\$16.50	<u>PDF</u>	AutomationDirect selector switch, 22mm, 3-position, spring return to center, (2) N.O./(2) N.C. contact(s), plastic base, plastic bezel, Operator: black, knob, 30mm, round, plastic.					
<u>GCX3370-22</u>	\$16.50	<u>PDF</u>	AutomationDirect selector switch, 22mm, 3-position, maintained, (2) N.O./(2) N.C. contact(s), plastic base, plastic bezel, Operator: black, lever, 30mm, round, plastic.					
<u>GCX3380-22</u>	\$17.00	<u>PDF</u>	AutomationDirect selector switch, 22mm, 3-position, spring return to center, (2) N.O./(2) N.C. contact(s), plastic base, plastic bezel, Operator: black, lever, 30mm, round, plastic.					



Note: When using switches having two-deep contact blocks with the 22mm plastic enclosures, be sure to use enclosures that are 74 mm deep; 51 mm-deep enclosures are too shallow and the switch body will not fit.

Contact Closure Sequence for Three-Position Switches

Contact Closure Sequence - 3-Position Switches								
Contact		Arrangement from front)	Switch Position (viewed from front)					
Blocks	Left	Right	Left (Note 1)	Center (Note 2)	Right (Note 3)			
1 x N.C.	N.C.			х —	— Х			
TXN.C.		N.C.	х —	— x				
1 x N.O.	N.O.		Х					
TXN.U.		N.O.			Х			
2 x N.C.	N.C.	N.C.	Х	X	— X			
2 x N.O.	N.O.	N.O.	Х		Х			

Note 1: Left switch position activates left side contacts (viewed from front).

Note 2: Center switch position deactivates all contacts.

Note 2: Right switch position activates right side contacts (viewed from front).

For the latest prices, please check AutomationDirect.com.

22mm Plastic Pilot Device Accessories

Replacement Incandescent Bulbs



ECX1902-5

Replacement LED Lamps



ECX1915-2

Hole Plug



ECX1490

Protective Covers for Pushbuttons



ECX1703-5

Knockout Punches



<u>109225</u>

Replacement Keys



www.automationdirect.com

	Replacement Incandescent Bulbs								
Part Number	Quantity	Price	Rating	Description					
<u>ECX1900-5</u>	5	\$9.50	6V@ 200mA 1.2 watts	6V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4					
<u>ECX1902-5</u>	5	\$9.50	24V@ 80mA 2 watts	24V replacement bulb for 22mm switches and indicators. Miniature bayonet base T31/4					
<u>ECX1904-5</u>	5	\$20.00	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		\$17.50							
ECX1912-2	Green		\$22.00							
ECX1913-2	Yellow	2	\$17.50	24V@26mA 0.6 watts						
ECX1914-2	Blue		\$23.50		LED replacement lamp for miniature bayonet base Works with 22mm switches and indicators, but					
ECX1915-2	White		\$28.00		illumination will not be as even when used with the					
ECX1921-2	Red		\$17.50		ECX 22mm indicators					
ECX1922-2	Green		\$22.00	1001/05	Note: Will not replace sealed Cutler-Hammer monoblock LED indicators.					
ECX1923-2	Yellow		\$17.50	120V@5mA monoblock LED Indicators. 0.6 watts	monobiock LED indicators.					
ECX1924-2	Blue		\$23.50	0.0 Walls						
ECX1925-2	White		\$28.00							

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					
<u>ECX1490</u>	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						
<u>ECX1700-5</u>	Black		\$7.50							
<u>ECX1701-5</u>	Red	5	\$7.50	Silicone protective covers for use with 22mm standard-size flush						
ECX1702-5	Green		\$7.50	pushbuttons. Will not work with Cutler-Hammer pushbuttons, 22mm plastic						
ECX1703-5	Yellow		\$7.50	illuminated or extended pushbuttons, or 22mm plastic pushbuttons						
ECX1704-5	Blue		\$7.50	with 40mm actuator face.						
<u>ECX1705-5</u>	Clear		\$7.50							
<u>ECX1706-5</u>	Clear		\$13.00	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					
Part Number	Quantity	Price	Description		
<u>ECX1067-2</u>	2	\$6.50	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.

1-800-633-0405 For the latest prices, please check A **22mm Plastic Pilot Device Accessories**

Replacement 22mm Support Base

Replacement 22mm Support Base							
Part Number Quantity Price Drawing Link				Description			
<u>ECX3029-2</u>	1	\$1.75	<u>PDF</u>	22mm 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			

Replacement Contact Blocks

	Replacement Contact Blocks									
Part Number	Quantity	Price	Drawing Link	Contacts	Description					
<u>ECX1030-2</u>	2	\$7.25	PDF	Red,	Replacement contact block for 22mm pushbuttons and					
<u>ECX1030-5</u>	5	\$17.00	PDF	normally-closed (N.C.) selector switches. Tightening Torque, terminal screw: 0.8 N·	selector switches. Tightening Torque, terminal screw: 0.8 N·m max					
<u>ECX1040-2</u>	2	\$7.25	PDF	Green,	mounting screw: 0.5 N·m max Note: Will not work with Cutler-Hammer 22mm switches					
<u>ECX1040-5</u>	5	\$17.00	PDF	normally-open (N.O.)	sold by AutomationDirect					
ECX1042-2	2	\$7.25	PDF	Brown, normally-open (N.O.), push-push	Use on lighted Push-push button only					



ECX3029-2

ECX1030-2

ENERGE

STOP ECX1651

Note: See electrical specifications on GCX Series 22mm Plastic Pilot Devices

EMERGENCY STOP Legend Plate

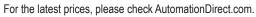
	EMERGENCY STOP Legend Plate						
Part Number	Quantity	Price	Drawing Link	Description			
<u>ECX1651</u>	1	\$2.75	<u>PDF</u>	Oversize yellow circular EMERGENCY STOP legend plate for 22mm E-stop type mushroom pushbuttons, 60mm outside diameter.			

Two-Position Short Lever Pperator

	Short Lever Replacement Operator						
Part Number	nber Lamp Color Price 2-Position Use w						
<u>GR1172PR-5</u>	Red	\$16.50	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk				
<u>GR1172PV-5</u>	Green	\$16.50	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	Part numbers starting with			
<u>GR1172PG-5</u>	Yellow	\$16.50	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	GCX124, GCX125			
<u>GR1172PB-5</u>	Blue	\$16.50	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk	GCX324, GCX325			
<u>GR1172PN-5</u>	Clear	\$16.50	22mm 2-position selector switch illuminated short lever replacement operator, 5/pk				



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1-800-633-0405 For the latest prices, please check **22mm Plastic Pilot Device Accessories**

Three-Position Short Lever Operator

	Short Lever Replacement Operator						
Part Number	Lamp Color	Price	3-Position	Use with			
<u>GR1288PR-5</u>	Red	\$16.50	22mm 3-position selector switch illuminated short lever replacement operator, 5/pk				
<u>GR1288PV-5</u>	Green	\$16.50	2mm 3-position selector switch illuminated short lever replacement operator, 5/pk				
<u>GR1288PG-5</u>	Yellow	\$16.50	nm 3-position selector switch illuminated short lever replacement operator, 5/pk with GCX126, GCX1				
<u>GR1288PB-5</u>	Blue	\$16.50	m 3-position selector switch illuminated short lever replacement operator, 5/pk				
<u>GR1288PN-5</u>	Clear	\$16.50	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				
<u>PL1171PR-5</u>	Red	\$7.25	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	\$7.25	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

	Flush Pushbutton Replacement Operator							
Part Number Lamp Price Description		Use with						
<u>GR1168PR-5</u>	Red	\$9.00	22mm illuminated flush pushbutton replacement operator, 5/pk					
<u>GR1168PV-5</u>	Green	\$9.00	22mm illuminated flush pushbutton replacement operator, 5/pk					
<u>GR1168PG-5</u>	Yellow	\$9.00	22mm illuminated flush pushbutton replacement operator, 5/pk	Part numbers starting with				
<u>GR1168PB-5</u>	Blue	\$9.00	22mm illuminated flush pushbutton replacement operator, 5/pk	GCX119, GCX120 GCX319, GCX320				
<u>GR1168PN-5</u>	Clear	\$9.00	22mm illuminated flush pushbutton replacement operator, 5/pk					
<u>GR1168PW-5</u>	White	\$9.00	22mm illuminated flush pushbutton replacement operator, 5/pk					



Extended Pushbutton Replacement Operator

	Extended Pushbutton Replacement Operator							
Part Number	Part Number Lamp Color Price Description							
PL1308PR-5	Red	\$7.00	22mm illuminated extended pushbutton, replacement operator, 5/pk					
PL1308PV-5	Green	\$7.00	22mm illuminated extended pushbutton, replacement operator, 5/pk					
<u>PL1308PG-5</u>	Yellow	\$7.00	22mm illuminated extended pushbutton, replacement operator, 5/pk	Part numbers starting with				
<u>PL1308PB-5</u>	Blue	\$7.00	22mm illuminated extended pushbutton, replacement operator, 5/pk	GCX121, GCX321				
PL1308PN-5	Clear	\$7.00	22mm illuminated extended pushbutton, replacement operator, 5/pk					
PL1308PW-5	White	\$7.00	22mm illuminated extended pushbutton, replacement operator, 5/pk					



22mm Plastic Pilot Device Accessories

Legend Plates

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



ECX1670-B07

Plastic Legend Plates					
Legend	Color of Field	Part Number	Price	Drawing Link	
AUTO OFF HAND	Black	<u>ECX1670-B46</u>	\$3.75	PDF	
Blank Plate	Black	<u>ECX1670-B</u>	\$3.00	PDF	
Blank Plate	Red	<u>ECX1670-R</u>	\$3.00	PDF	
CLAMP	Black	ECX1670-B24	\$3.75	PDF	
CLOSE	Black	ECX1670-B01	\$3.00	PDF	
DOWN	Black	<u>ECX1670-B02</u>	\$3.00	<u>PDF</u>	
EMERG. STOP	Red	<u>ECX1670-R03</u>	\$3.00	PDF	
EXTEND	Black	<u>ECX1670-B51</u>	\$3.75	PDF	
FEEDER OFF	Black	<u>ECX1670-B26</u>	\$3.75	PDF	
FEEDER ON	Black	<u>ECX1670-B25</u>	\$3.75	PDF	
FOR OFF REV	Black	<u>ECX1670-B19</u>	\$3.00	PDF	
FOR-REV	Black	<u>ECX1670-B13</u>	\$3.00	PDF	
FORWARD	Black	<u>ECX1670-B04</u>	\$3.00	PDF	
GRIP	Black	<u>ECX1670-B53</u>	\$3.75	PDF	
HAND-AUTO	Black	ECX1670-B14	\$3.00	PDF	
HAND OFF AUTO	Black	<u>ECX1670-B20</u>	\$3.00	PDF	
HIGH	Black	<u>ECX1670-B27</u>	\$3.75	PDF	
HIGH LOW	Black	ECX1670-B43	\$3.75	PDF	
IN	Black	<u>ECX1670-B28</u>	\$3.75	PDF	
INCH	Black	ECX1670-B29	\$3.75	PDF	
JOG	Black	<u>ECX1670-B05</u>	\$3.00	PDF	
JOG FOR	Black	<u>ECX1670-B30</u>	\$3.75	PDF	
JOG REV	Black	<u>ECX1670-B31</u>	\$3.75	PDF	
JOG-RUN	Black	<u>ECX1670-B15</u>	\$3.00	PDF	
LOW	Black	ECX1670-B32	\$3.75	PDF	
LOWER	Black	<u>ECX1670-B33</u>	\$3.75	PDF	

Note: Legend plate text is 3mm in height



Plastic Legend Plates					
Legend	Color of Field	Part Number	Price	Drawing Link	
MAN AUTO	Black	ECX1670-B44	\$3.75	<u>PDF</u>	
MAN OFF AUTO	Black	ECX1670-B47	\$3.75	<u>PDF</u>	
MOTOR RUN	Black	<u>ECX1670-B22</u>	\$3.00	<u>PDF</u>	
MOTOR STOP	Black	ECX1670-B23	\$3.00	<u>PDF</u>	
OFF	Black	<u>ECX1670-B34</u>	\$3.75	<u>PDF</u>	
OFF-ON	Black	ECX1670-B16	\$3.00	<u>PDF</u>	
ON	Black	ECX1670-B06	\$3.00	<u>PDF</u>	
OPEN	Black	ECX1670-B07	\$3.00	<u>PDF</u>	
OPEN OFF CLOSE	Black	ECX1670-B48	\$3.75	<u>PDF</u>	
OPEN-CLOSE	Black	<u>ECX1670-B17</u>	\$3.00	PDF	
Ουτ	Black	ECX1670-B35	\$3.75	<u>PDF</u>	
POWER ON	Black	ECX1670-B21	\$3.00	<u>PDF</u>	
PULL ON PUSH OFF	Black	<u>ECX1670-B50</u>	\$3.75	<u>PDF</u>	
RAISE	Black	<u>ECX1670-B36</u>	\$3.75	<u>PDF</u>	
READY	Black	<u>ECX1670-B37</u>	\$3.75	<u>PDF</u>	
RELEASE	Black	<u>ECX1670-B54</u>	\$3.75	<u>PDF</u>	
RESET	Black	ECX1670-B38	\$3.75	<u>PDF</u>	
RETRACT	Black	ECX1670-B52	\$3.75	<u>PDF</u>	
REVERSE	Black	<u>ECX1670-B08</u>	\$3.00	<u>PDF</u>	
RUN	Black	<u>ECX1670-B09</u>	\$3.00	<u>PDF</u>	
SAFE RUN	Black	<u>ECX1670-B45</u>	\$3.75	<u>PDF</u>	
START	Black	<u>ECX1670-B10</u>	\$3.00	<u>PDF</u>	
STOP	Black	<u>ECX1670-B11</u>	\$3.00	<u>PDF</u>	
STOP	Red	<u>ECX1670-R11</u>	\$3.00	<u>PDF</u>	
TEST	Black	<u>ECX1670-B39</u>	\$3.75	PDF	
TRANSFER	Black	<u>ECX1670-B40</u>	\$3.75	<u>PDF</u>	
TRIP	Black	ECX1670-B41	\$3.75	PDF	
UNCLAMP	Black	ECX1670-B42	\$3.75	PDF	
UP	Black	ECX1670-B12	\$3.00	PDF	
UP OFF DOWN	Black	ECX1670-B49	\$3.75	PDF	
UP-DOWN	Black	<u>ECX1670-B18</u>	\$3.00	PDF	

22mm Plastic Pilot Device Accessories



ECX1690-B16



ECX1690-R11

Jum	Jumbo Plastic Legend Plates							
Legend	Color of Field	Part Number	Price	Drawing Link				
Blank Plate	Black	<u>ECX1690-B</u>	\$3.75	PDF				
Blank Plate	Red	<u>ECX1690-R</u>	\$3.75	PDF				
EMERG. STOP	Red	ECX1690-R03	\$3.75	PDF				
HAND-OFF-AUTO	Black	ECX1690-B20	\$3.75	PDF				
JOG	Black	ECX1690-B05	\$3.75	PDF				
OFF-ON	Black	ECX1690-B16	\$3.75	PDF				
OPEN-CLOSE	Black	ECX1690-B17	\$3.75	PDF				
POWER ON	Black	ECX1690-B21	\$3.75	PDF				
START	Black	<u>ECX1690-B10</u>	\$3.75	PDF				
STOP	Red	ECX1690-R11	\$3.75	PDF				

Note: Legend plate text is 3mm in height

1-800-633-0405 **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.

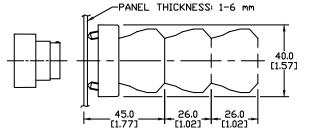
Dimensions

Pushbuttons and selector switches

Illuminated pushbuttons and selector switches/ indicator lights

PANEL THICKNESS: 1-6 mm

mm [inches]



40.0 [1.57] 26.0 40.0 26.0 26.0 [1.57] [1.02] [1.02] NOTE: Contact blocks can be arranged up to three deep by two wide. ø22.5 [Ø0.89] Typical Wiring 4 3 Normally Open

2

x1.

Normally Closed

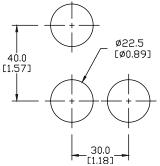
Indicator

cifications

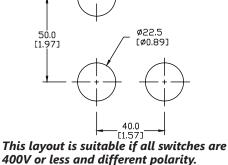
1

х2

Mounting



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



Specifications

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

Phy	vsical Specifications	Electri	ical Spec
Standards Reference	CEI EN 60947-5-1, CSA C22-2 n.14	Rated Thermal	A300, Q300 (I
Approvals	UL File E189258, IMQ (where specified)	Current (contact block)	rating section
Enclosure Material	Fiberglass reinforced thermoplastic	Rated Insulation Voltage	Ui 660V accor 300V accordir
Contacts Material	Silver	Dielectric Strength	3kV (1 second
	IP40 for <u>GCX3151-24</u> , <u>GCX3151-120</u> , <u>GCX3153-24</u> and GCX3153-120. IP65 for all others.(See Appendix of this	Insulation Resistance	2MΩ min. (50
Protection Degree	catalog for explanation of IP ratings according to IEC 144	Initial Contact Resistance	≤ 25mΩ
	CEI 70-1.)	Short-Circuit Protection*	Cartridge fuse
Electric Shock Protection	IEC 536, Class II	Terminal Markings	According to (
Temperature Ratings	Storage: -40 -to 80°C (-40 to 176° F) Operating: -25° to +70°C (-13° to 158° F)	Connections	Single screw max., Tighten
Working	All working positions are allowed	Contacts Operation	Self-cleaning action, positive
Positions	Dahla Hara adamta a Mahara in affat a Mahara	Operation Frequency	3600 operatio
Mechanical Life	Pushbuttons, selector switches, joy stick switches: 1,000,000 operations Emergency mushrooms and push-push pushbuttons: 300,000 operations	Utilization Category	AC15 (Contro 24 volts AC at 130 volts AC a
Positive Opening Operation	(according to IEC 947-5-1) All functions incorporating an NC contact are positive opening operation		DC13 (Contro 24 volts DC at 110 volts DC a
	opolinig opolicitori	*Note: Recommended, not supp	lied

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

at 0.5 amps