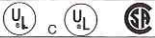


Control & Signalling Units ϕ 22mm (fixing)

Characteristics

General Characteristics

Products	Push Buttons, Selector Switches, Latching Mushroom Head Push Buttons, Pilot Lights & Illuminated Push Buttons
Reference Standard	IEC 60947-5-1, EN 60947-5-1, IEC 337-1, UL 508, CSA C-22-2 n° 14
Approval	
Protection Degree	IP 65 / IP 66 according to IEC 60947-1; NEMA4, 4X
Pollution Degree	3
Temperature	-40°C ~ + 70°C (Storage) -25°C ~ +70°C (Working)
Vibration Resistance	Mushroom head Push Buttons: 8g, Other Push Buttons & Pilot Lights: 15g (40 to 500 Hz) confirming to IEC 68-2-6
Shock Resistance conforming to IEC 68-2-27	Push Buttons : 70g, Mushroom Head Push Buttons: 15g, Selector Switches : 200g
Working Position	All working positions are allowed
Mechanical Life	Push Buttons & Selector Switches 1 million operations, Emergency Mushroom Push Buttons 300,000 operations

Contact Elements Characteristics

Rated Thermal Current I_{th}	10A								
Rated Insulation Voltage U_i	500V conforming to IEC 60947-1, UL 508 & CSA 22-2 n° 14								
Insulation Category	Group C conforming to NF C 20-040, VDE 0110								
Operating Force	Push Buttons - 1 'NO' = 10N, 1 'NC' = 8N Additional contacts - 'NO' = +5N, 'NC' = +3N								
Dielectric Strength	2.5KV for 1 minute								
Insulation Resistance	2M Ohm min (500 VDC)								
Initial Contact Resistance	\leq 25 milli Ohm								
Short Circuits Protection	10A 500V, Cartridge Fuse g1 or N conforming to IEC 337-1								
Terminal Reference	Conforming to GENELEC EN 50013								
Connections	On Screw with non loosable plate lamp Sec. 2.5mm ² max. (14 AWG)								
Contact Operation	Self Cleaning type, Slow action, Positive Opening								
Operation Frequency	3600 Operations per hour								
Utilization Category	AC 15 (DC 13)								
Rated Power	DC Supply								
Conforming to IEC 60947-5-1	Power broken in watts								
Load factor : 0.5	for 1 million operations								
AC Supply (50/60 Hz)	<table border="1"> <tr> <td>Voltage</td> <td>24V</td> <td>48V</td> <td>120V</td> </tr> <tr> <td>Inductive Load</td> <td>65W</td> <td>48W</td> <td>40W</td> </tr> </table>	Voltage	24V	48V	120V	Inductive Load	65W	48W	40W
Voltage	24V	48V	120V						
Inductive Load	65W	48W	40W						

AC Ratings, Inductive - NEMA A600 35% Power Factor

Volts	Make Amperes	VA	Break Amperes	VA	Continuous carrying Amperes	Resistive 75% Power factor Make, Break & continuous Amperes
120	60	7200	6	720	10	10
240	30	7200	3	720	10	10
480	15	7200	1.5	720	10	10
600	12	7200	1.2	720	10	10

DC Ratings, NEMA Type Q600 Inductive and resistive

Volts	Make & Break (Amp.)	Continuous (Amp.)
125	0.55	2.5
250	0.27	2.5
600	0.10	2.5

