

LCA Part-number Description

LCA★-11■◇/△/▲/S/※

Symbol	Symbol name	Specify
★	Mounting hole	19: Φ19mm / 22: Φ22mm / 25: Φ25mm / 30: Φ30mm
11	Contact structure	11: 1NO1NC
■	Operation type	No letter means momentary / Z(latching)
◇	Illumination	E: Ring / ET: Ring + power symbol / no letter means non-illumination
△	LED color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	LED voltage	6V / 12V / 24V / 110V / 220V with internal resistor, Other voltage can be customized
◎	Housing material	S: stainless steel
※	Protecting level	no letter means IP65 / FP: IP67

Note: please carefully read the specific description of the product and select the corresponding code in the table according to different symbols.

Performance Characteristic

Operating temperature	-25°C~+55°C(no freezing), keep the air flowing around illuminated push button
Operation Humidity	45~85%RH(no condensation)
Contact Resistor	≤50mΩ
Insulation Resistor	≥100MΩ(500VDC)
Maximum withstand voltage	1000VAC, 50Hz, 1min
Vibration Resistance	50Hz, Amplitude 1.2mm
Solder Heat Resistance	320°C 3s
Switch rating	15A/250VAC(Resistive load) 10A/250VAC(Inductive load) 0.3A/250VDC(Inductive load)
Mechanical Life	≥500K cycles
Electrical Life	≥50K cycles
Base material	PA
Nut Torque	Around 0.6Nm
Operation Pressure	Around 4N
Operation Travel	Around 2.5mm
Protecting level	IP65(Momentary type can be customized to IP67), IK08

LED Specifications

LED life	Current	Allowable voltage fluctuation range	Circuit diagram
≥40000 hours	≤24V about 15mA ≥110V about 2mA	DC: ±10% AC: ±20%	 The product has built-in protective resistance, and the lamp bead wiring has no distinction between positive and negative poles.

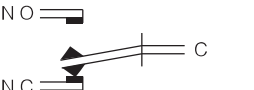
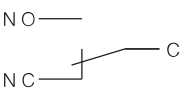
Switch Rating

Current(A) Voltage(V)	Non electrical inductive load		Inductive load	
	Resistive load	LED load	Inductive load	Electromotor load
AC250	15	2	10	3
DC8	15	4	10	6
DC30	10	4	10	4
DC125	0.6	0.1	0.6	0.1
DC250	0.3	0.05	0.3	0.05

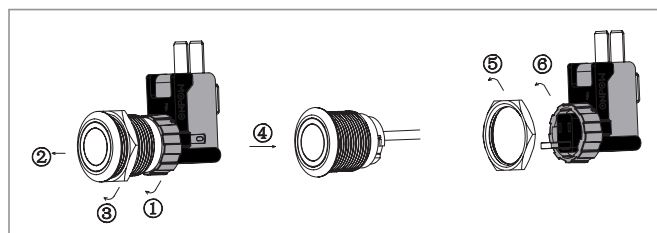
Contact specification

Contact	style	rivet
	material alloy	silver
	interval	1mm
inrush current		Max.36A

Contact structure type

Type	Diagram	sign
C		

Installation schematic



PART NUMBERS ON THIS DRAWING

MR-LCA19-11 MR-LCA19-11E MR-LCA19-11ET MR-LCA22-11 MR-LCA22-11E MR-LCA22-11ET

HIGH-CURRENT ANTI-VANDAL PUSH BUTTON, RING AND POWER SYMBOL ILLUMINATION, 1NO1NC 15A

MR-LCA19/22 SERIES

Micro-Ray

PART NO

MR-LCA19/22

DWG NO

MR-LCA19/22

SHEET

1 OF 2

REV

A

UNITS: mm

SCALE: NTS - DO NOT SCALE

SIZE

A4

DATE

2026-09-22

LCA19-11■/S/※	Contact structure 11: 1NO1NC Operation type■ No letter means Momentary / Z: Latching Housing material S: Stainless steel Terminal Type: Switch Pin terminal (4.8x0.5mm) LED pins terminal (2.8x0.5mm) Protection level ※ No letter means IP65 / FP: IP67 (only for momentary type)	
LCA19-11■E/△/▲/S/※	Contact structure 11: 1NO1NC Operation type■ No letter means Momentary / Z: Latching LED color△ R G Y B W LED voltage▲ 6V / 12V / 24V / 110V / 220V Housing material S: Stainless steel Terminal Type: Switch Pin terminal (4.8x0.5mm) LED pins terminal (2.8x0.5mm) Protection level ※ No letter means IP65 / FP: IP67 (only for momentary type)	
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LCA22-11■/S/※	Contact structure 11: 1NO1NC Operation type■ No letter means Momentary / Z: Latching Housing material S: Stainless steel Terminal Type: Switch Pin terminal (4.8x0.5mm) LED pins terminal (2.8x0.5mm) Protection level ※ No letter means IP65 / FP: IP67 (only for momentary type)	
LCA22-11■E/△/▲/S/※	Contact structure 11: 1NO1NC Operation type■ No letter means Momentary / Z: Latching LED color△ R G Y B W LED voltage▲ 6V / 12V / 24V / 110V / 220V Housing material S: Stainless steel Terminal Type: Switch Pin terminal (4.8x0.5mm) LED pins terminal (2.8x0.5mm) Protection level ※ No letter means IP65 / FP: IP67 (only for momentary type)	
LCA22-11■ET/△/▲/S/※	Contact structure 11: 1NO1NC Operation type■ No letter means Momentary / Z: Latching LED color△ R G Y B W LED voltage▲ 6V / 12V / 24V / 110V / 220V Housing material S: Stainless steel Terminal Type: Switch Pin terminal 4.8x0.5mm LED pins terminal (2.8x0.5mm) Protection level ※ No letter means IP65 / FP: IP67 (only for momentary type)	

PART NUMBERS ON THIS DRAWING
MR-LCA19-11 MR-LCA19-11E MR-LCA19-11ET MR-LCA22-11 MR-LCA22-11E MR-LCA22-11ET

HIGH-CURRENT ANTI-VANDAL PUSH BUTTON, RING AND POWER SYMBOL ILLUMINATION, 1NO1NC 15A			MR-LCA19/22 SERIES Micro-Ray	
PART NO	MR-LCA19/22			
DWG NO	MR-LCA19/22		SHEET 2 OF 2	REV A
UNITS: mm		SCALE: NTS - DO NOT SCALE	SIZE A4	DATE 2026-09-22