CMI35 22mm Vandalproof Pushbutton

22mm	25mm	34.8mm	40.3mm	IP65	LED
		35.3mm	41mm	IP67	

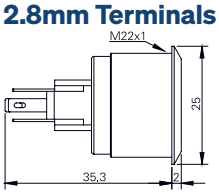
Specification

Termination	Screw or 2.8×0.5mm fast connect terminals
Switching function	Momentary or maintained
Configuration of poles	Single or double
Maximum load	5A, 48VAC
LED voltage	See ordering information
Contact resistance	< 50mΩ
Insulation resistance	> 100MΩ
Operating temperature	-25°C to +55°C
Ingress protection	IP67 (EN 60529) maintained: IP65
Duty cycle	50,000 (min)
Operating force	4N
Nut mounting torque	~ 0.6Nm
Panel thickness	1.0mm to 8.0mm
Body & button material	See ordering information
Contact material	Silver Alloy

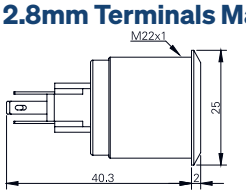
Product Dimensions

All dimensions in mm

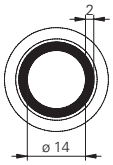
2.8mm Terminals Momentary



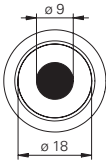
2.8mm Terminals Maintained



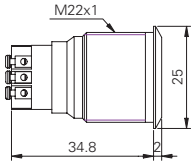
Front View (ring)



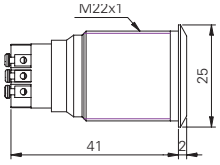
Front View (dot)



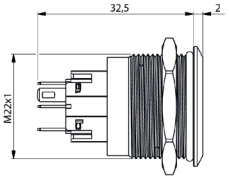
Screw Terminals Momentary



Screw Terminals Maintained



Double pole



Front View (powerring)

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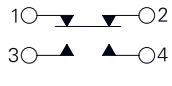
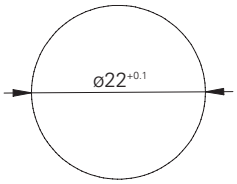
Only certain variants, see file number E504292 for details

Circuit Diagram

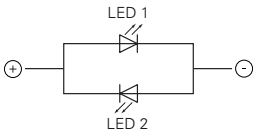


Form Z

Mounting Dimensions

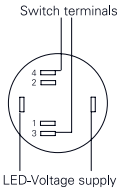


LED Circuit Diagram

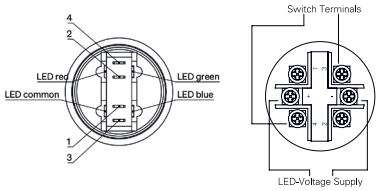


Wiring Instructions

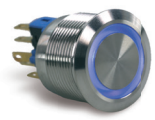
2 LED pins



3&4 LED pins[4,5]



Ordering Information



Material
V2: Stainless steel[1]
AS: Black aluminium

LED
R: Ring
D: Dot
S: Powerring[2]
X: Custom[2]

LED Colour
GN: Green
RD: Red
YL: Yellow
BL: Blue
WH: White
GR: Green/red[3]
BR: Blue/red[3]
GB: Green/blue[3]
01: Green/red[4,7]
02: Green/blue[4,7]
03: Blue/red[4,7]
11: RGB[5,7]

LED Voltage
00: No resistor[6]
06: 6 volt
12: 12 volt
24: 24 volt

Switch Function
M: Momentary
L: Maintained[2]

Poles
S: Single
D: Double

Termination
28: 2.8mm tabs
ST: Screws[8]

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[1] 1.4301
[2] IP65 (EN60529)
[3] 2 pins, colour change by swapping polarity
[4] 3 pins for LED connection (one per colour and common cathode (common anode available on request))
[5] Red/green/blue, 4 pins for LED connection (one per colour and common cathode (common anode available on request))
[6] Red, yellow: 1.8V | Green, blue, white: 2.8V (15mA)
[7] Only available with solder terminals
[8] Only available for single pole

Non rotating button available on request

Rev. 8 | Engelking retains the right to change the specifications at any time without prior notice.

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