Product datasheet
Characteristics

AD22-22DS-yellow
round pilot light Ø 22 - ambar - integral LED - 220 V AC - screw clamp terminals



Green Premium™

Main

Range of product	AD22
Product or component type	Monolithic pilot light
Device short name	AD22
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Cap/Operator or lens colour	Yellow
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	220 V AC 50/60 Hz

Complementary

Height	29 mm
Width	29 mm
Depth	50 mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.017 kg
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/IEC 60947-5-1
Fixing center	>= 30 x 40 mm (support panel) metal - thickness: 1…6 mm >= 30 x 40 mm (support panel) plastic - thickness: 2…6 mm
Fixing mode	Fixing nut beneath head recommended torque: 1.2 N.m (+/- 0.4 N.m)
Marking	CE CCC
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-5-1 Screw clamp terminals, 1 x 0.5...1 x 2.5 mm² without cable end conforming to EN/IEC 947-5-1
Tightening torque	0.8…1.2 N.m conforming to EN 60947-1
Shape of screw head	Cross compatible with JIS No 1 screwdriver Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver

Mounting and Clearance

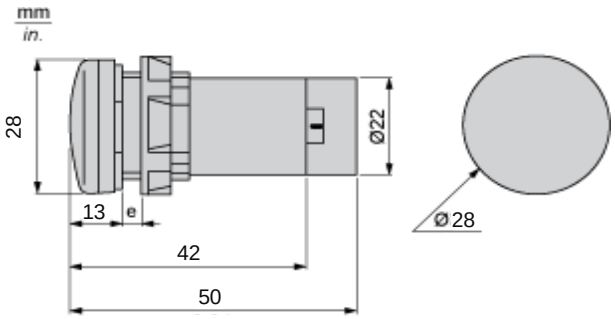
	Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Signalling type	Steady
Supply voltage limits	0.8…1.1 V AC
Current consumption	16...20 mA
Service life	50000 h at rated voltage and 25 °C
Compatibility code	AD22

Environment

Protective treatment	TC
Ambient air temperature for storage	-40…80 °C
Ambient air temperature for operation	-25…70 °C
Overvoltage category	Class I conforming to IEC 536
IP degree of protection	IP40 (front face) conforming to IEC 60529 IP40 (rear face) conforming to IEC 60529
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Dimensions Drawings

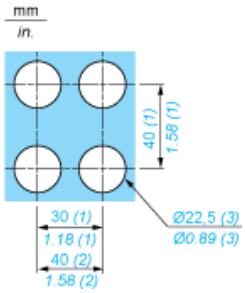
Dimensions



e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting

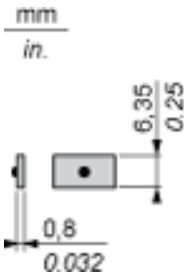
Diameter of Finished Fixing Holes



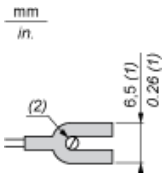
(1) Minimum value.
(2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
(3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Mounting and Clearance

Faston Clip Connection



“U” Type Tag Connection

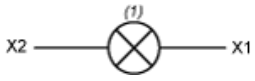


(1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.

M3 screw clamp terminal.

Connections and Schema

Wiring Diagram



(1) LED