

User Manual



IECEX

FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

English

ISSUED: 2014.05.07

V1

Description:

DS-3 is a portable, hand-held intrinsically safe flashlight for use in hazardous locations and can be powered with three size C alkaline cells. It has high and low mode operating functions that allows users to operate for high brightness or long duration lighting.

Features:

- Intrinsically safe for use in hazardous locations
- High and Low mode functions
- Users high power CREE LED
- Submersible in water
- Tough and durable casing
- High efficient heatsink
- Screw fastener for safety precautions
- Build-in gas release vent

Certifications:



Class I Div 1&2 Grp ABCD / Class II Div 1&2 Grp EFG
Class III / Temperature Code T4 IP68 (3 meters 30 mins for IPX8)
File number: E324236



II 1G Ex ia IIC T4 IP68 (3 meters 30 mins for IPX8)
DEMKO 14 ATEX 1289X

IECEX

Ex ia IIC T4 Ga IP68 (3 meters 30 mins for IPX8)
IECEX UL 14.0024X

CE 0539

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Standards:

1. UL 913, Seventh Edition
2. CSA C22.2 No.157-92, Reaffirmed 2012
3. EN 60079-0 : 2009 Edition
4. EN 60079-11 : 2012 Edition
5. EN 60079-26 : 2007 Edition
6. IEC 60079-0 : Fifth Edition
7. IEC 60079-11 : Sixth Edition
8. IEC 60079-26 : Second Edition

Battery Replacement:

Use only battery types below:

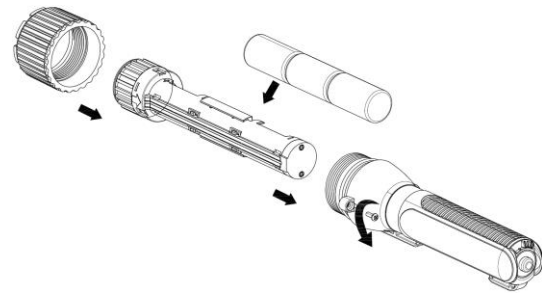
Alkaline type
Energizer E93
Duracell MN1400
Rayovac 814
Rayovac AL-C
Varta 4914

- Warning: Do not open in hazardous locations.
Warning: Replace batteries only in hazardous areas.
Warning: To reduce the risk of explosion do not mix new batteries with used batteries, or mix batteries from different manufacturers or from different types.
Warning: Remove the batteries when unused for a period of time to prevent battery leakage in the device.
Warning: Substitution of components may impair intrinsic safety.

Safety Warnings:

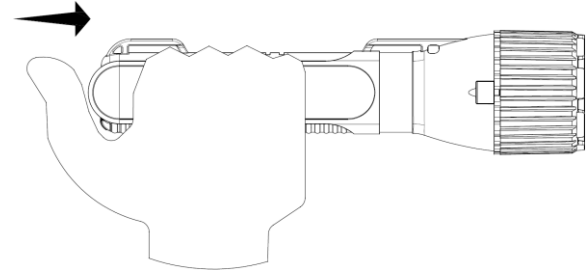
1. The screw shall be secured tightly after opening and closing of the enclosure.
2. Clean the flashlight only with damp cloth to avoid static electricity.
3. Do not flash the light beam directly to human's eyes.
4. Always use the device following the regulations of each country.

Installation:



Operation:

Push rear button to operate. The sequence is high and the low mode.



Accessories:

- Hand Straps

Warranty:

1 years Limited Warranty