IDEC

B-1229-1(0)

INSTRUCTION SHEET RUSS (E

LD6A Series

Confirm that the delivered product is what you have ordered. Read this instruction sheet to make sure of correct operation. Make sure that the instruction sheet is kept by the end user

SAFETY PRECAUTIONS

In this operation instruction sheet, safety precautions are categorized in order of importance to Warning and Caution

MARNING

Warning notices are used to emphasize that improper operation may cause severe personal injury or death.

Caution notices are used where inattention might cause personal injury or damage to equipment.

🗥 WARNING

Read the specifications described on this sheet to make sure that the operating conditions are correct Before designing the final equipment and powering up the LD6A Series, confirm the specifications. decribed on this sheet. If there is any uncertainty in the description, contact IDEC before powering up

the LD6A Series. ·Do not disassemble, repair, or modify the LD6A Series, otherwise severe accidents may result, such as electric shocks, damage, fire, or malfunction,

·Make sure that the LD6A Series does not fall during transportation, installation, and operation, otherwise damage may result.

Do not pull out or push in the cable of the LD6A Series, otherwise damage may result. Give a slack to the cable while wiring.

Turn off the power to the LD6A Series before mounting, dismounting, wiring, and assembling the LED unit. Make sure of correct wiring, otherwise electric shocks or fire may result.

All LD6A Series are manufactured under IDEC's rigorous quality control system, but users must add failsafe provision to the control system using the LD6A Series in applications where heavy damage or personal injury may be caused in case the LD6A Series should fail.

Apply a voltage within the rated value.

· Do not apply an excessive force to the LD6A Series. Do not leave a damaged LD6A Series unattended or use a damaged LD6A.

Make sure of the correct operating temperature, which is the temperature around the LD6A Series Otherwise internal temperature rise may result in damage

Do not use or store the LD6A Series in a place subjected to vibrations and shocks.

Do not loosen screws, otherwise the protection characteristics will be impaired.

· For use on a flat surface of a Type 1 enclosure

Maximum surrounding air temperature rating 55°C

1 Type LD6A-5WZQB-RYGSWC Tiers – Lens Color 1: 1 tier Illumination Blank: Normal Installation C: Clear 2: 2 tiers R: Red G: Frame Mount Body Colo 3: 3 tiers W: Wall Mount Y. Yellow 4.4 tiers B: Dark Grav D: Direct Mount S: Blue W: Light Gray 5: 5 tiers P: Pole Mount G: Green W: Pure White (with stand) K:Pole Mount - Rated Voltage Q: 24V AC/DC (with L-shaped bracket) - Function Blank : Continuous Lighting Z :Continuous Lighting, Flashing, Buzzer



·See the figure on the upper right for the installation of the LD6A series.

·For details on mounting holes, see Mounting Hole Layout.

In order to make the buzzer sound more effective, face the unit to the front. (Continuous Lighting, Flashing, Buzzer)

Erame Mount

①Insert two frame nuts in the frame, and attach the bracket using two M5 screws. Recommended tightening torque: 2.6 to 2.7 N·m

Frame *3

Frame Nut *3

2 Mount the LD6A to the bracket using four M4 screws



*3 See below for typical examples of Frames and Nuts. Consult the manufacturer for the installation method of the frame nut.

Frame Size	Frame	Frame Nut	Manufacturer	
□30 mm *4	SFF-302	SFB-001 SFB-4B5	SUS Corporation	
		SFB-101		
□40 mm	SFF-402	SFB-008 SFB-4A5 SFB-108	SUS Corporation	

For Frame Mount

Use flexible conduit only, otherwise the waterproof

- characteristic will be impaired. Refer to the "Example of Flexible Conduit" shown below.
- · Example of Flexible Conduit
- Conduit hole Size
 Fitting
 Conduit
 Manufacturer

 M20
 AL16/M20/A/BL
 PAFS16BL
 ADAPTAFLEX

Wall Mount

①Make four tapped holes in the mounting panel, and mount the bracket and gasket using four screws (M4 x 20).

Recommended tightening torque: 1.6 to 1.7 N·m

2 Mount the LD6A to the bracket using four screws (M4 x 8). Recommended tightening torque: 1.6 to 1.7 N·m







http://www.ide	c.com
	2009.10

474

504

534

564

510

540

570

600

IDEC CORPORATION

7 Precautions for Disposal

258

288

318

348

2

4

5

3

Dispose of the LD6A Series as an industrial waste

258

28

318

348

۰Dim	ensions					
Tiers	Frame Mount	Wall Mount	Direct Mount	Pole Mo	ount	
	(L1)	(L2)	(L3)	(L4)	(L5)	
1	156	156	98	408	372	
2	186 216	186 216	128 158	438 468	402 432	
3	216	216	158	408	462	
5	240	240	218	528	402	
Continuous Lighting, Flashing, Buzzer Frame Mount ·Wall Mount ·Direct Mount (with stand) (with L-shaped bracket)						
-Dimensions						
Tiers	Frame Mount	Wall Mount	Direct Mount	Pole M	ount	
	(L1)	(L2)	(L3)	(L4)	(L5)	
1	228	228	170	480	444	

200

230

260

290

7 Dimensions

LED Unit Color - Pure White

·Continuous Lighting

Frame Mount
 ·Wall Mount

Power supply wire	, , , , , , , , , , , , , , , , , , ,	Yellow		Buzzer2		Light Blue
r ower supply wire r enow			Flashing		Brown	
Fuse				Power supply	wire	Gray
Rated current	1			Power supply	wire	Yellow
1A						
Rated Contact for Continuous Lighting			Rated Contact for Buzzer			
Contact Capacity	Current Capacit	ty 100 m/			Current Capacity	400 mA minimum
for AC (per one tire)	Dielectric Stren	gth AC 35\	/ minimum	for AC (per one sound)	Dielectric Strength	AC 35V minimum
Contact Capacity	Current Capacit	ty 100 mA			Current Capacity	300 mA minimum
for DC/ Transistor Rating	Dielectric Stren	gth 35V mi	nimum	for DC/ Transistor Rating	Dielectric Strength	35V minimum
(per one tire)	Leakage Currer	nt 0.1 mA			Leakage Current	0.1 mA maximum

·Direct Mount

·Pole Mount

(with stand

Wire Color Vire size : AWG Wire Color LED Unit Color - Red Red LED Unit Color - Yellow Orange LED Unit Color - Blue Blue LED Unit Color - Green Green

White

Wire size : AWG22 Continuous Lighting, Flashing, Buzzer Wire Color LED Unit Color - Red Red ED Unit Color - Yellov Orange LED Unit Color - Blue Blue LED Unit Color - Green Green ED Unit Color - Pure White White Purple Buzzer1

Pole Mount

(with L-shaped bracket)