



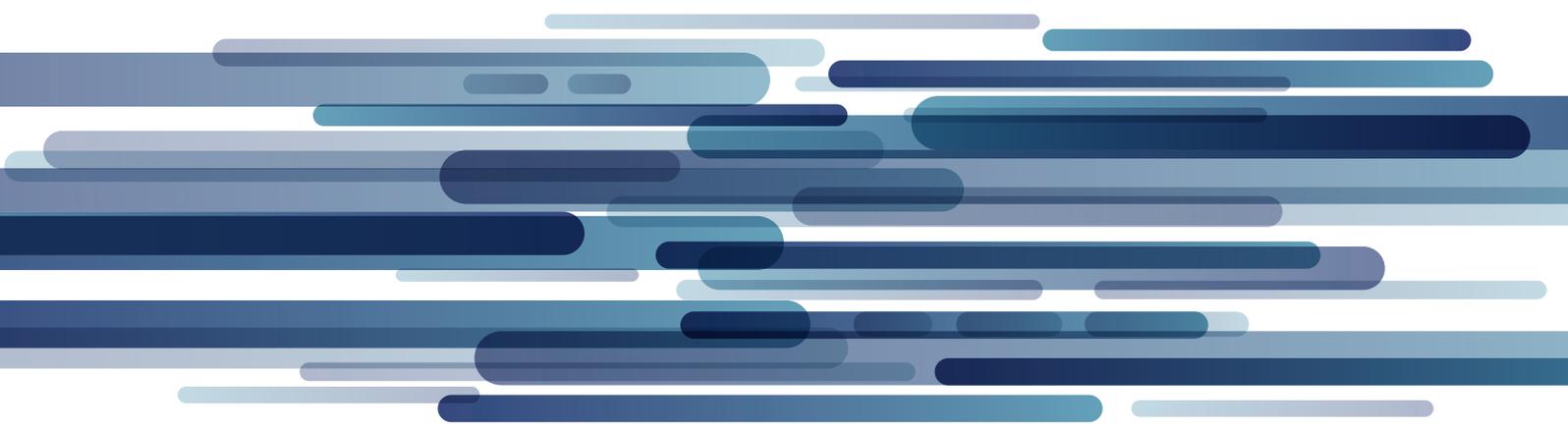
San Tzuoo Co.,Ltd • <https://www.sancs.com>



# 2025<sup>/1</sup> Ex Electrical Apparatus

Since 1975

SanTzuoo Co., Ltd. wish our society safe and harmony.  
We design and produce reliable explosion-proof apparatuses.  
To enhance and to insure safety of life environment.



San Tzuoo Co.,Ltd., the leading explosion-proof products manufacturer in Taiwan, with the brand name "SANCTITY". We focus on producing high-quality explosion-proof products, and continuously introduces modern technology and refined quality management to robust our team in design and production. San Tzuoo Co.,Ltd has been certified as being in compliance with the standards of ISO9001.

# CERTIFICATE



The Governing Board of  
ARES International Certification Co., Ltd.  
Hereby Grants To:

## San Tzuoo Corporation Limited

No.12-1.DAHUA ROAD, DAHUA VILLAGE, ERLUN TOWNSHIP, YUNLIN COUNTY,  
TAIWAN, R.O.C

Has been assessed and found to be in accordance with the requirements of  
standard detailed below

**ISO 9001:2015**

Scope

**DESIGN,MANUFACTURE AND SUPPLY OF: 1. EXPLOSION-PROOF LIGHTING FIXTURES.  
2. FIN TUBE. 3. E.G.E. EXH. GAS ECONOMIZERS. 4. CONTROL STATION.  
5. PANEL INSTALLATION. Of San Tzuoo Corporation Limited in Yunlin County**



Certificate No.: ARES/TW/2002010Q  
Certificate Issue Date: 2023-04-05

Certificate Renewal Date: 2025-04-24  
Registration Expiration Date: 2026-04-04

The time interval between each surveillance audit and the last on-site audit shall not exceed 12 months, and the organization must obtain "surveillance audit approval notification" issued by ARES to ensure the validity of the certificate.



Authorized by :



**ARES International Certification Co., Ltd.**  
No.12-2, Ln. 187, Wenping Rd., Anping Dist., Tainan City 708, Taiwan  
TEL / 06-295 9696 (Rep. Line) FAX / 06-295 9667  
[www.ares-registration.com](http://www.ares-registration.com)

**SDFT10**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**9-18(\*1,\*2)  
**Input Voltage:**110~277V  
**Working Temp. (°C):**-20~+60°C

**SDFT10**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**18-36(\*1,\*2)  
**Input Voltage:**100~277V  
**Working Temp. (°C):**-20~+60°C

**SDFT10**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**T5  
**Watt:**14-28W(\*1,\*2)  
**Input Voltage:**100~240V  
**Working Temp. (°C):**-20~+60°C

**SDFT10**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**T5  
**Watt:**28-56W(\*1,\*2)  
**Input Voltage:**100~240/277V  
**Working Temp. (°C):**-20~+60°C

**SELR-F**



Front side open

**Ex mark:**Ex ec IIC T5 Gc, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**16W\*6/\*4/\*2  
**Input Voltage:**100~277V  
**Working Temp. (°C):**-20~+40°C

**SELR-B**



Back side open

**Ex mark:**Ex ec IIC T5 Gc, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**16W\*6/\*4/\*2  
**Input Voltage:**100~277V  
**Working Temp. (°C):**-20~+40°C

**SELR-F**



Front side open

**Ex mark:**Ex ec IIC T5 Gc, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**16W\*3/\*2  
**Input Voltage:**100~277V  
**Working Temp. (°C):**-20~+40°C

**SELR-B**



Back side open

**Ex mark:**Ex ec IIC T5 Gc, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**16W\*3/\*2  
**Input Voltage:**100~277V  
**Working Temp. (°C):**-20~+40°C

**SEFT01**



**Ex mark:**Ex d e IIB+H2 T4 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**T5  
**Watt:**28-56W(\*1,\*2)  
**Input Voltage:**110~220/277V  
**Working Temp. (°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**30W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp. (°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIC T5 Gb, Ex tb IIIC T100°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**60W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp. (°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**860,80,100,120W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp. (°C):**-20~+40°C

**SDLW-OLS03**



**Ex mark:**Ex d IIB+H2 T6/T4 Gb, Ex tb IIIC T85°C / T115°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**30, 60W  
**Input Voltage:**100~277, 380, 460V  
**Working Temp. (°C):**-20~+40°C/60°C

**SDLW-OLS03**



**Ex mark:** Ex d IIB+H T5/T4 Gb、Ex tb IIIC T100°C / T120°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**80W  
**Input Voltage:**100~277, 380, 460V  
**Working Temp. (°C):**-20~+40°C/60°C

**SDLW-OLS03**



**Ex mark:**Ex d IIC T6/T5 Gb、Ex tb IIIC T85°C /T105°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**100W  
**Input Voltage:**100~240, 277, 380, 460V  
**Working Temp. (°C):**-20~+40°C/60°C

**SDLW-OLS03**



**Ex mark:**Ex d IIC T5/T4 Gb、Ex tb IIIC T90°C / T110°C Db, Ex d IIC T5/T4 Gb、Ex tb IIIC T100°C /T120°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**120, 150W  
**Input Voltage:** 100~240, 277, 380, 460V  
**Working Temp. (°C):**-20~+40°C/60°C

**SDLW-OLS03**



**Ex mark:**Ex d IIC T4 Gb、Ex tb IIIC T110°C / T130°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**200W  
**Input Voltage:**100~240, 277, 380, 460V  
**Working Temp. (°C):**-20~+40°C/60°C

**SDLW-OLS03**



**Ex mark:** Ex d IIC T5/T4 Gb、Ex tb IIIC T100°C /T120°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**150,180,200,240W  
**Input Voltage:**110~277, 380, 460V  
**Working Temp. (°C):**-20~+40°C/60°C

**SDLW-OLD01**



**Ex mark:**Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**30W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp.(°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIC T5 Gb, Ex tb IIIC T100°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**60W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp.(°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**80,100,120W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp.(°C):**-20~+40°C

**SDLW-OLD03**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**30W  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C/60°C

**SDLW-OLD03**



**Ex mark:**Ex d IIB+H2 T4 / T5 Gb, Ex tb IIIC T100°C / T120°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**60W  
**Input Voltage:**220, 460V  
**Working Temp.(°C):**-20~+40°C/60°C

**SDLW-OLD03**



**Ex mark:** Ex d IIC T5/T4 Gb 、 Ex tb IIIC T100°C / T120°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**100W  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C/60°C

**SDLW-OLD03**



**Ex mark:** Ex d IIC T4 Gb 、 Ex tb IIIC T110°C / T130°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**120W  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C/60°C

**SDLW-OLD03**



**Ex mark:**Ex d IIC T4 Gb 、 Ex tb IIIC T110°C / T130°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**150W  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C/60°C

**SDLW-OLD03**



**Ex mark:**Ex d IIB+H2 T5 Gb,Ex tb IIIC T100°C Db / Ex d IIB+H2 T4 Gb,Ex tb IIIC T120°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**30,60,100,120,150W  
**Input Voltage:**100~240V,277V,380V,460V  
**Working Temp.(°C):**-20~+40°C/60°C

# Ex High Bay Light, Ex Energy Saving Light, Ex Tank Inspection Light

LED, Mercury Lamp, Metal Halide Lamp, Sodium-vapor Lamp, Energy-saving Lamp

**SDLW-OLD01**



**Ex mark:**Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**30W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp.(°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIC T5 Gb, Ex tb IIIC T100°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**60W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp.(°C):**-20~+40°C

**SDLW-OLD01**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**80,100,120W  
**Input Voltage:**90~305V,380V,460V  
**Working Temp.(°C):**-20~+40°C

**SDLB01**



**Ex mark:**Ex d IIB+H2 T4 Gb,Ex tb IIIC T135°C Db  
**IP Rating:**IP66  
**Light Source:**Sodium-vapor Lamp  
**Watt:**250,400W  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C

**SDLB01**



**Mercury Lamp**  
**Ex mark:**Ex d IIB+H2 T3 Gb,Ex tb IIIC T165°C Db  
**IP Rating:**IP66  
**Light Source:**Mercury Lamp  
**Watt:**200,250,300,400W  
**Input Voltage:**110V,220V,277V  
**Working Temp.(°C):**-20~+40°C

**SDLB01**



**Ex mark:**Ex d IIB+H2 T3 Gb,Ex tb IIIC T200°C Db  
**IP Rating:**IP66  
**Light Source:**Metal Halide Lamp  
**Watt:**150,250,400W  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C

**SDLB03**



**Ex mark:**Ex e II T3 Gb,Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**Energy-saving Lamp  
**Watt:**23W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C

**SDLB03**



**Ex mark:**Ex ec IIC T3 Gc,Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**10,12W  
**Input Voltage:**110~220V  
**Working Temp.(°C):**-20~+60°C

**SELB03**



**Ex mark:**Ex nR II T3 Gc,Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**Energy-saving Lamp  
**Watt:**36W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C

**SDLB-TLS0**



**Ex mark:**Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**8, 11W  
**VDC:**DC 24V, AC 110V/220V  
**Working Temp.(°C):**-20~+40°C

**SDLB04**



**Ex mark:**Ex d IIB T6 Gb  
**IP Rating:**  
**Light Source:**LED  
**Watt:**10,12W  
**Input Voltage:**100~240V  
**Working Temp.(°C):**-20~+40°C

**SDLB04**



**Ex mark:**Ex d IIB T6 Gb  
**IP Rating:**  
**Light Source:**Energy-saving Lamp  
**Watt:**21,23W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C

**SDLB10**



**Ex mark:**Ex d IIB T6 Gb  
**IP Rating:**  
**Light Source:**LED,Energy-saving Lamp  
**Watt:**12W,21,23W  
**Input Voltage:**110~220V,110V,220V  
**Working Temp.(°C):**-20~+40°C

**SDLB10**



**Ex mark:**Ex d IIB T6 Gb  
**IP Rating:**  
**Light Source:**LED  
**Watt:**10W  
**VDC:**24V  
**Working Temp.(°C):**-20~+40°C

SDLW-0LS5



# Explosion Proof LED High Bay Light

[www.sancs.com](http://www.sancs.com)



## Certified Safety, Engineered Performance

- Material : Aluminum alloy, Tempered glass
- Ambient temperature : -20°C~40°C
- Rated voltage : 100VAC~277VAC
- Frequency : 60Hz
- Color temperature : Daylight White
- Made in Taiwan
- Certificate Number : IECEx TPS 23.0034X ,  
TPS 23 ATEX 122328 0001 X Rev. 00
- Standards : EN IEC 60079-0:2018, EN 60079-1:2014 ,  
EN 60079-31:2014



Model	Certification	Ex Mark	Power
SDLW-0LS5-2401ALL-L4	ATEX	II 2G Ex db IIB+H2 T5 Gb II 2D Ex tb IIIC T100°C Db IP66	240W
	IECEX	Ex db IIB+H2 T5 Gb Ex tb IIIC T100°C Db IP66	
SDLW-0LS5-2001ALL-L4	ATEX	II 2G Ex db IIB+H2 T4 Gb	200W
SDLW-0LS5-2001ALL-M4		II 2D Ex tb IIIC T135°C Db IP66	
SDLW-0LS5-1501ALL-M4	IECEX	Ex db IIB+H2 T4 Gb	150W
SDLW-0LS5-1001ALL-M4		Ex tb IIIC T135°C Db IP66	100W



Headquarter

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TEL : +886-7-2268736 / FAX : +886-7-2268733 / E-mail : [service@sancs.com](mailto:service@sancs.com)

Factory

ADD : No. 12-1, Dahua Rd., Erlun Township, Yunlin County 649 , Taiwan (R.O.C.)  
TEL : +886-5-5982306 / FAX : +886-5-5987372

Online customer service



SDFT 10

# Explosion Proof Fluorescent Lighting

*The Optimal Lighting Solution for High-Risk Environments*



- Material : Aluminum alloy, Tempered glass
- Ambient temperature : -20°C~60°C
- Rated voltage : 120VAC~277VAC
- Frequency : 50/60Hz
- Light source : LED
- Color temperature : Natural White, Daylight White
- Made in Taiwan
- Certificate Number : E531226
- Standards : UL 1598 & UL 844

Sanctity, secure your safety.

Model	Tube Length	Ex Mark	Power
SDFT10-01LG15-UL	2 ft	CLASS I, Division 2, GROUPS A, B, C, AND D, T4A	10W X 1
SDFT10-01LG25-UL	2 ft		10W X 2
SDFT10-01LD15-UL	4 ft		20W X 1
SDFT10-01LD25-UL	4 ft		20W X 2



Headquarter

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TEL : +886-5-5982306 / FAX : +886-5-5987372

Online customer service



SDLW-0LS3 / SDLW-0LS5

# Explosion Proof LED High Bay Light

*Engineered for High-Risk Environments*



- Material : Aluminum alloy, Tempered glass
- Ambient temperature : -20°C~40°C
- Rated voltage : 100VAC~277VAC
- Frequency : 50/60Hz
- Made in Taiwan
- Certificate Number : E531226
- Standards : UL 1598 & UL 844

Model	Color Temperature	Ex Mark	Power
SDLW-0LS3-0801ALL-UL	3000K (Warm White)	CLASS I, Division 2, GROUPS A, B, C, AND D, T4A	80W
SDLW-0LS3-1001ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T5	100W
SDLW-0LS3-1201ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T5	120W
SDLW-0LS3-1501ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T4	150W
SDLW-0LS3-2001ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T4	200W
SDLW-0LS5-0801ALL-UL	5000K (Daylight White)	CLASS I, Division 2, GROUPS A, B, C, AND D, T4A	80W
SDLW-0LS5-1001ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T5	100W
SDLW-0LS5-1201ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T5	120W
SDLW-0LS5-1501ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T4	150W
SDLW-0LS5-2001ALL-UL		CLASS I, Division 2, GROUPS A, B, C, AND D, T4	200W

Sanctity, secure your safety.



**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**15~240V  
**Rated Current(A):**30A  
**Component:**  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**15~240V  
**Rated Current(A):**30A  
**Component:**push button  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Rated Current (A):**30A  
**Component:**pilot lamp  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**15~240V  
**Rated Current (A):**30A  
**Component:**illuminated push button  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**15~240V  
**Rated Current (A):**30A  
**Component:**toggle switch  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Rated Current (A):**30A  
**Component:**pilot lamp+key lock switch  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**15~240V  
**Rated Current (A):**30A  
**Component:**selector switch+emergency stop switch  
**Working Temp.(°C):**-20~+40°C

**SDEC-R**



**Ex mark:**Ex d IIB+H2 T6 Gb  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Rated Current (A):**30A  
**Component:**selector switch+emergency stop switch  
**Working Temp.(°C):**-20~+40°C

**SEB 209d**



**Ex mark:**Ex d IIB T4 Gb  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Rated Current(A):**  
**Number of Component:**1  
**Working Temp.(°C):**-20~+40°C

**SDEC-01**



**Ex mark:**Ex d IIB+H2 T6 Gb/Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Voltage form:**three-phase/single phase  
**Input Voltage:**220,380,480V/110,220V  
**Rated Current(A):**30A/25A  
**Number of Component:**1  
**Working Temp.(°C):**-20~+40°C

**SDEC-02**



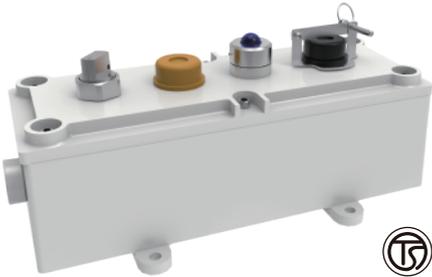
**Ex mark:**Ex d IIB+H2 T6 Gb/Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Voltage form:**three-phase/single phase  
**Input Voltage:**220,380,480V/110,220V  
**Rated Current(A):**30A/25A  
**Number of Component:**2  
**Working Temp.(°C):**-20~+40°C

**SDEC-03**



**Ex mark:**Ex d IIB+H2 T6 Gb/Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Voltage form:**three-phase/single phase  
**Input Voltage:**220,380,480V/110,220V  
**Rated Current(A):**30A/25A  
**Number of Component:**3  
**Working Temp.(°C):**-20~+40°C

**SDEC-04**



**Ex mark:**Ex d IIB+H2 T6 Gb/Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Voltage form:**three-phase/single phase  
**Input Voltage:**220,380,480V/110,220V  
**Rated Current(A):**30A/25A  
**Number of Component:**4  
**Working Temp.(°C):**-20~+40°C

**SDEC-98**



**Ex mark:**Ex d IIB T6/T5 Gb,Ex tb IIIC T85/T100°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C/+60°C  
**Ext.(mm):**L370xW193xH130  
**Int.(mm):**L301xW124xH97  
**Mounting(mm):**L180xW170xØ10

**SDEC-50**

IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L380xW300xH200  
**Int.(mm):**L285xW205xH151  
**Mounting(mm):**L272xW278xØ15

**SDEC-51**

IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C/  
**Ext.(mm):**L480xW370xH270  
**Int.(mm):**L370xW260xH213  
**Mounting(mm):**L345xW320xØ15

**SDEC-52**

IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L500xW360xH175  
**Int.(mm):**L403xW263xH118  
**Mounting(mm):**L390xW338xØ15

**SDEC-53**

IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L530xW430xH300  
**Int.(mm):**L410xW310xH230  
**Mounting(mm):**L380xW405xØ15

**SDEC-54**  
IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L580xW580xH340  
**Int.(mm):**L454xW454xH258  
**Mounting(mm):**L440xW555xØ15

**SDEC-55**  
IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/440/460/480V  
**Working Temp.(°C):**-20~+60°C  
**Ext.(mm):**L680xW480xH270  
**Int.(mm):**L554xW354xH188  
**Mounting(mm):**L535xW455xØ15  
**T6:NO Drainage respirator**

**SDEC-56**  
IP66



**Ex mark:**Ex d IIB+H2 T4 / T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/440/460/480V  
**Working Temp.(°C):**-20~+60°C  
**Ext.(mm):**L680xW580xH320  
**Int.(mm):**L554xW454xH238  
**Mounting(mm):**L530xW555xØ15  
**T6:NO Drainage respirator**

**SDEC-57**  
IP66



**Ex mark:**Ex d IIB+H2 T2/T6 Gb,Ex tb IIIC T85°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220/380/480V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L870xW700xH340  
**Int.(mm):**L725xW555xH346  
**Mounting(mm):**L700xW665xØ15

**SDEC-70**



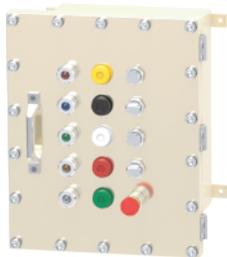
**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC IP66 T85°C Db  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L360xW260xH205  
**Int.(mm):**L260xW160xH174  
**Mounting(mm):**L234xW220xØ10

**SDEC-72**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC IP66 T85°C Db  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C  
**Ext.:**L480xW370xH220  
**Int.:**L370xW260xH171  
**Mounting:**L352xW328xØ10

**SDEC-73**



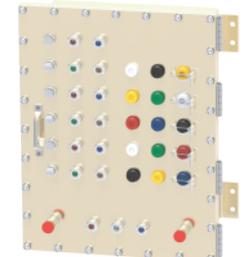
**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC IP66 T85°C Db  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L500xW400xH310  
**Int.(mm):**L390xW290xH261  
**Mounting(mm):**L370xW358xØ10

**SDEC-74**



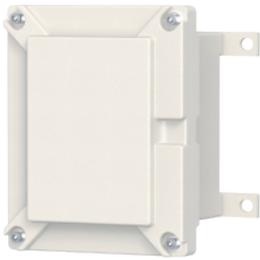
**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC IP66 T85°C Db  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L600xW600xH310  
**Int.(mm):**L480xW480xH257  
**Mounting(mm):**L410xW602xØ16.5

**SDEC-75**



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC IP66 T85°C Db  
**Voltage form:**single phase  
**Input Voltage:**220V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L800xW620xH260  
**Int.(mm):**L680xW500xH207  
**Mounting(mm):**L490xW622xØ16.5

**SEEC-10**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L200xW160xH135  
**Int.(mm):**L140xW100xH89/16  
**Mounting(mm):**L134xW155xØ10

**SEEC-11**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L250xW160xH135  
**Int.(mm):**L190xW100xH89/16  
**Mounting(mm):**L184xW155xØ10

**SEEC-12**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L300xW160xH135  
**Int.(mm):**L24xW100xH89/16  
**Mounting(mm):**L234xW155xØ10

**SEEC-13**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L380xW160xH135  
**Int.(mm):**L320xW100xH89/16  
**Mounting(mm):**L314xW155xØ10

**SEEC-14**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L400xW260xH205  
**Int.(mm):**L330xW190xH151/24  
**Mounting(mm):**L320xW250xØ14

**SEEC-15**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L400xW400xH255  
**Int.(mm):**L330xW330xH201/24  
**Mounting(mm):**L320xW390xØ14

**SEEC-16**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L560xW360xH255  
**Int.(mm):**L490xW290xH201/24  
**Mounting(mm):**L480xW350xØ14

**SEEC-39**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L370xW356xH233  
**Int.(mm):**L294xW280xH169/23  
**Mounting(mm):**L290xW350xØ14

**SEEC-99**



**Ex mark:**Ex d e IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**AC110/220/380/460V,DC24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L1050xW850xH315  
**Int.(mm):**L974xW774xH266/23  
**Mounting(mm):**L460\*2 x W838xØ14

**SEEJ-20**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L260xW260xH223  
**Int.(mm):**L213xW197xH167  
**Mounting(mm):**L185xW310xØ11

**SEEJ-21**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L306xW306xH223  
**Int.(mm):**L259xW243xH167  
**Mounting(mm):**L231xW356xØ11

**SEEJ-22**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L260xW380xH223  
**Int.(mm):**L333xW197xH167  
**Mounting(mm):**L305xW310xØ11

**SEEJ-23**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L430xW430xH223  
**Int.(mm):**L383xW367xH167  
**Mounting(mm):**L355xW480xØ11

**SEEJ-24**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L480xW480xH223  
**Int.(mm):**L433xW417xH167  
**Mounting(mm):**L405xW530xØ11

**SEEJ-25**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L520xW520xH223  
**Int.(mm):**L473xW457xH167  
**Mounting(mm):**L445xW570xØ11

**SEEJ-26**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L450xW620xH223  
**Int.(mm):**L573xW387xH167  
**Mounting(mm):**L545xW500xØ11

**SEEJ-27**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L508xW762xH223  
**Int.(mm):**L715xW445xH167  
**Mounting(mm):**L687xW558xØ11

**SEEJ-28**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP66  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L610xW914xH318  
**Int.(mm):**L867xW547xH262  
**Mounting(mm):**L839xW660xØ11

**SEEJ-29**



**Ex mark:**Ex eb II T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP64  
**Rated Current(A):**15~30/100/150  
**Input Voltage:**110~220/380/480V/690V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L777xW1177xH318  
**Int.(mm):**L1180xW714xH262  
**Mounting(mm):**L551\*2 x W827xØ111

**Pressurization system**



**Ex mark:**Ex Pz II T6 Gc  
**IP Rating:**IP66, type 4x  
**VAC:**110~240V  
**VDC:**20~30V  
**Working Temp.(°C):**-20~+40°C

**BUTTON**



**Button type:**Push button switch  
**method:**Emergency stop switch, press, buckle, key lock switch  
**VAC:**600V  
**Ith:**10A  
**H(mm):**117.4  
**Ø(mm):**30

**Pilot Lamp**



**Button type:**Pilot Lamp  
**method:**LED Pilot Lamp  
**VAC:**600V  
**Ith:**10A  
**H(mm):**124.8  
**Ø(mm):**30

**BUTTON**



**Button type:**LED illumination indicator  
**method:**Emergency stop switch, press buckle  
**VAC:**600V  
**Ith:**10A  
**H(mm):**145.5  
**Ø(mm):**30

**BUTTON**



**Button type:**Push button switch  
**method:**Emergency stop switch, press, buckle  
**VAC:**600V  
**Ith:**10A  
**H(mm):**139.1  
**Ø(mm):**30

**BUTTON**



**Button type:**Push button switch  
**method:**Emergency stop switch, press buckle  
**VAC:**600V  
**Ith:**10A  
**H(mm):**97.2  
**Ø(mm):**30

**Pilot Lamp**



**Button type:** LED Pilot Lamp  
**method:**VDC Pilot Lamp  
**VDC:**24V  
**Ith:**10A  
**H(mm):**85.2  
**Ø(mm):**37

**Pilot Lamp**



**Button type:**LED Pilot Lamp  
**method:**VAC Pilot Lamp  
**VAC:**110/220V  
**Ith:**10A  
**H(mm):**123.2  
**Ø(mm):**37

**BUTTON**



**Button type:** Push button switch  
**method:** Emergency stop switch, press, buckle, key lock switch  
**VAC:** 600V  
**Ith:** 10A  
**H(mm):** 76.1  
**Ø(mm):** 38

**BUTTON**



**Button type:** Push button switch with lock  
**VAC:** 600V  
**Ith:** 10A  
**H(mm):** 87.6  
**Ø(mm):** 38

**SWITCH**



**Button type:** Selector switch  
**method:** Two-stage, three-stage  
**VAC:** 600V  
**Ith:** 10A  
**H(mm):** 100.7  
**Ø(mm):** 37

**SWITCH**



**Button type:** Selector switch  
**method:** Short handle switch/key lock switch  
**VAC:** 600V  
**Ith:** 10A  
**H(mm):** 111.5/134.1  
**Ø(mm):** 30

**BUZZER**



**Button type:** Buzzer  
**method:**  
**VAC:** 110/220V  
**VDC:** 24V  
**Ith:** 10A  
**H(mm):** 99(ac)/86.5(dc)  
**Ø(mm):** 50

**SDEP-3P**  
IP66



**Ex mark:** Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**Voltage form:** three-phase voltage  
**Input Voltage:** 110~690V  
**Rated Current(A):** 25A  
**Pole:** 3P  
**Angle:** 15°  
**Working Temp.(°C):** -20~+40°C

**SDEP-4P**  
IP66



**Ex mark:** Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**Voltage form:** three-phase voltage  
**Input Voltage:** 110~690V  
**Rated Current(A):** 32A  
**Pole:** 4P  
**Angle:** 15°  
**Working Temp.(°C):** -20~+40°C

**SDEM-IF**  
Infrared



**Ex mark:** Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:** IP66  
**Type:** indoor, outdoor  
**Material:** stainless steel SUS304  
**VDC:** 12V, **VAC:** 110~240V  
**Working Temp.(°C):** -20~+60°C  
**Dimensions:** L390xW194xH207  
L540xW194xH207

**SDEM**



**Ex mark:** Ex d IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:** IP66  
**Type:** indoor, outdoor  
**Material:** stainless steel SUS304  
**VDC:** 12V  
**Working Temp.(°C):** -20~+60°C  
**Dimensions:** L381xW152xH177,  
L535xW152xH177

SGEE-000



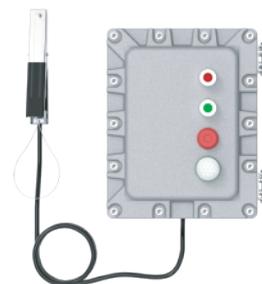
**Structure:**Spring clip  
**Clamp Size:**small  
**Material:**stainless steel SUS304  
**Dimensions:**L135xT22xH90 (SGEE-000),  
 L180xT28xH105(SGEE-002),  
 L235xT36xH100(SGEE-003),

SGEE-001



**Structure:**Spring clip+Reel  
**Clamp Size:**small  
**Material:**stainless steel SUS304  
**Dimensions:**L238xT64xH170

SGEC-EG



**Structure:**Static elimination system  
**Ex mark:**Ex d IIB+H2 T4/T6 Gb,Ex tb IIIC  
 T85°C Db  
**IP Rating:**IP66  
**Clamp Size:**small  
**Working Temp.(°C):**-20~+40°C  
**Ext.:**L380xW300xH200

SDEC



**Ex mark:**Ex d IIB+H2 T5/T6 Gb, Ex tb IIIC  
 T85°C Db  
**IP Rating:**IP66  
**Input Voltage:**110~120V, 220~240V, DC 24V  
**Working Temp.(°C):**-20~+40°C  
**Ext.(mm):**L580xW580xH340  
**Int.(mm):**L454xW454xH278  
**Mounting(mm):**L555xW440xØ15

AP-24



**Ex mark:**Ex d IIB T4 Gb X  
**Voltage form:**three-phase  
**Input Voltage:**220~600V  
**Working Temp.(°C):**-20~+50°C  
**Power:**1  
**Air volume(CMM):**380  
**Fan size (Inch):**24

AP-24



**Ex mark:**Ex e II T3 Gb,Ex nA II T3 Gc, Ex  
 tb IIIC T125°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220~600V  
**Working Temp.(°C):**-20~+40°C/+55°C  
**Power:**1/2  
**Air volume(CMM):**300  
**Fan size (Inch):**24

AP-16



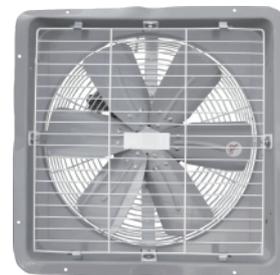
**Ex mark:**Ex e II T3 Gb,Ex nA II T3 Gc, Ex  
 tb IIIC T125°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220~600V  
**Working Temp.(°C):**-20~+40°C/+55°C  
**Power:**1/2  
**Air volume(CMM):**200  
**Fan size (Inch):**16

AP-18



**Ex mark:**Ex e II T3 Gb,Ex nA II T3 Gc, Ex  
 tb IIIC T125°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220~600V  
**Working Temp.(°C):**-20~+40°C/+55°C  
**Power:**1/2  
**Air volume(CMM):**220  
**Fan size (Inch):**18

AP-20



**Ex mark:**Ex e II T3 Gb,Ex nA II T3 Gc, Ex  
 tb IIIC T125°C Db  
**Voltage form:**three-phase  
**Input Voltage:**220~600V  
**Working Temp.(°C):**-20~+40°C/+55°C  
**Power:**1/2  
**Air volume(CMM):**280  
**Fan size (Inch):**20

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb X,Ex tb IIIC  
T85°C Db X  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**3W,16W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C  
**Battery Type:**NiMH

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**  
**Light Source:**LED  
**Watt:**9W  
**Input Voltage:**110~220V  
**Working Temp.(°C):**-20~+60°C  
**Battery Type:**NiMH

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**  
**Light Source:**LED  
**Watt:**19W  
**Input Voltage:**110~220V  
**Working Temp.(°C):**-20~+60°C  
**Battery Type:**NiMH

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**3W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C  
**Battery Type:**NiMH

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**16W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C  
**Battery Type:**NiMH

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**3W,16W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C  
**Battery Type:**NiMH

SDLE



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED  
**Watt:**3W,16W  
**Input Voltage:**110V,220V  
**Working Temp.(°C):**-20~+40°C  
**Battery Type:**NiMH

SDLB-08



**Ex mark:**Ex d IIB+H2 T6 Gb, Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED 3W  
**VAC:**110,220V  
**VDC:**24V  
**Working Temp.(°C):**-20~+40°C  
**Light pattern:**Flashing,Static

SDLB-09



**Ex mark:**Ex d IIB T6 Gb  
**IP Rating:**  
**Light Source:**LED 3W  
**VAC:**110,220V  
**VDC:**24V  
**Working Temp.(°C):**-20~+40°C  
**Light pattern:**Flashing,Static

SDEF



**Ex mark:**Ex d IIC T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED 0.3W  
**VAC:**100~240V  
**VDC:**24V  
**Working Temp.(°C):**-20~+60°C

SDEF



**Ex mark:**Ex d IIC T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED 0.3W  
**VAC:**100~240V  
**VDC:**24V  
**Working Temp.(°C):**-20~+60°C

SDEF



**Ex mark:**Ex d IIC T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**Light Source:**LED 0.3W  
**VAC:**100~240V  
**VDC:**24V  
**Working Temp.(°C):**-20~+60°C

SDEF



**Ex mark:**Ex d IIC T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**VAC:**100~240V  
**VDC:**24V  
**Working Temp.(°C):**-20~+60°C

SDEF



**Ex mark:**Ex d IIC T6 Gb,Ex tb IIIC  
T85°C Db  
**IP Rating:**IP66  
**VAC:**100~240V  
**VDC:**24V  
**Working Temp.(°C):**-20~+60°C

SDEB05



**Ex mark:**Ex d IIB+H<sub>2</sub> T4/T6 Gb,Ex tb  
IIIC T85°C Db  
**IP Rating:**  
**Input Voltage:**100V  
**Input power (W):**1,3,7.5,15W  
**SPL (dB):**80~110  
**Impedance (ohm):**8  
**Working Temp.(°C):**-20~+40°C

Smoke



**Ex mark:**Ex ia IIC T5  
**IP Rating:**IP23D  
**VDC:**15~30V  
**Type:**Photoelectric  
**Dimension(mm):**Ø100xH46  
**Working Temp.(°C):**-20~+40°C  
**Weight:**75g

Heat



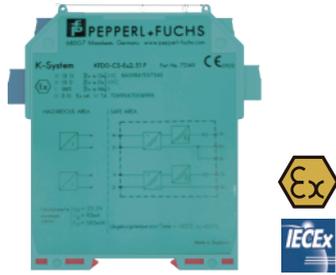
**Ex mark:**Ex ia IIC T5  
**IP Rating:**IP23D  
**VDC:**15~30V  
**Type:**Rate-of-rise and fixed temperature  
**Dimension(mm):**Ø100xH51  
**Working Temp.(°C):**-20~+40°C  
**Weight:**70g

Heat



**Ex mark:**Class I,Groups C and D;Class  
II,Groups E,F and G  
**Applicable temperature:**57,90  
**VAC:**6~125V  
**VDC:**6~25,125V  
**Dimension(mm):**Ø25.4xH108  
**Working Temp.(°C):**-40~+37/-40~+65°C

**KFD0-CS-Ex2.51P**



**Ex mark:**Ex ia IIC Ga,Ex ia IIIC Da  
**IP Rating:**  
**Input Voltage(VDC):**24V  
**Dimension(mm):**H115xW107xD20  
**Working Temp.(°C):**-20~+60°C  
**Weight:**150g

**Z728**



**Ex mark:**Ex ia IIC Ga,Ex ia IIIC Da  
**IP Rating:**IP 20  
**Input Voltage(VDC):**26.9V  
**Dimension(mm):**H110xW115xD12.5  
**Working Temp.(°C):**-20~+60°C  
**Weight:**150g

**PI-15**



**Ex mark:**  
**IP Rating:**  
**Input Voltage(VDC):**15~30V  
**Dimension(mm):**H80xW35xD35  
**Working Temp.(°C):**0~+50°C  
*Can connect 6 sensors in series*

**439DEX-6AW-R**



**Ex mark:**Class I,Groups B, C and D ; Class II, Groups E,F and G; Class III Div .1 and 2  
**IP Rating:**  
**Input Voltage(VDC):**20~24V  
**SPL (dBA):**83  
**Dimension(mm):**Ø152xH178xD127  
**Weight:**2.4kg

**5500**



**Ex mark:**Ex pz & Type z,Class I, Div. 1,Groups A-D, Class II, Div. 2, Groups E, F, & G  
**IP Rating:**IP66,type 4x  
**VAC:**100~240V  
**VDC:**20~30V  
**Working Temp.(°C):**-20~+60°C  
**Dimension(mm):**165x203x105  
**Weight:**1.4kg

**6000**



**Ex mark:**Ex px & Type x, Class I, Div. 2,Groups A-D, Class II, Div. 2, Groups F, & G  
**IP Rating:**IP6x,type 4x  
**VAC:**100~250V  
**VDC:**20~30V  
**Working Temp.(°C):**-20~+60°C  
**Dimension(mm):**183x367.5x152.5  
**Weight:**11.4kg

**Cabinet Cooler**



**Ex mark:**Ex h IIC T4 Gb  
**IP Rating:**IP56  
**Max Inlet Air Pressure:**80psi(5.5Bar)  
**Working Temp.(°C):**-10~+55°C  
**Cold Fraction:**70%  
**Dimension(mm):**L222xØ45  
**Noise Level:**73dBA  
**Cooling Capacity:**190~703(Watt)

**AD/ADS**



**Ex mark:**Ex e mb IIC T4 Gb, Ex tb mb IIIC T130°C Db  
**IP Rating:**IP65/67  
**VAC:**110, 220~240V  
**VDC:**24V  
**Port Size:**3/8~2" NPT  
**Working Temp.(°C):**-40~+60°C

**1LX7003-ET**



**Ex mark:**Ex d e IIC T6 Gb  
**IP Rating:**IP67  
**VAC:**240V  
**VDC:**125V, 250V  
**Action-angle:**15°

APA



**Ex mark:**Ex d IIC T6 /T5 Gb,Ex t IIIC T85°C/100°C Db  
**IP Rating:**IP67  
**Input Voltage(VDC):**28V  
**Input Voltage(VAC):**125,250V  
**Dimension(mm):**L38xW44xH145  
**Working Temp.(°C):**-40~+74°C/+89°C  
**Size(IN):**1/2" NPT

Duct Seal



**Working Temp.(°C):**-40~+120°C  
**Unit:**5 lbs  
 Can be painted immediately after application.  
 Contains no asbestos.  
**Note:**Not classified as a 'fire stop.' For moisture and air sealing only.

Compound



**Unit:**1 lb  
 compound is a unique homogenized blend of pure, polished colloidal copper, rust and corrosion inhibitors that simultaneously protects, lubricates and enhances the conductivity of the mating surfaces to which it is applied.

Packing Fiber



**Ex mark:**Class I, Groups B, C, D, Class II, Groups E, F, G  
**Unit:**100g  
 Packing Fiber is made from an environmentally safe, nonasbestos material. It is easy to use and forms a positive dam to hold compound in ENY, EY, and EYS Series fittings.

Sealing Compound



**Ex mark:**Class I, Groups B, C, D, Class II, Groups E, F, G  
**Composition:**calcium sulfate hemihydrate, calcium silicate  
**Unit:**5 lbs

Silicone Oil



**Working Temp.(°C):**-45~+250°C  
 Can be used as electrical insulation and moisture-proof materials, sealing materials, adhesive damping materials, defoamers, release agents.  
 It can be used for lubrication of various explosion-proof boxes and bearings or joints.

Headlamp



**Ex mark:**Class I,Div.2;Groups ABCD,T3C  
**IP Rating:**IPX4  
**Lm:**26(Low),14(High)  
**Battery Type:**AAA\*3  
**Lamp body Dimension(mm):**55  
**Weight:**140g

Flashlight



**Ex mark:**Class I,Div.2;Groups ABCD,T3C; Class II;Div.2;Groups G,  
**IP Rating:**IPX7  
**Lm:**45  
**Battery Type:**AA\*4  
**Dimension(mm):**∅45xH165  
**Weight:**235g

Respirator



**Ex mark:**Ex d IIB+H2 T4 Gb,Ex tb IIIC T85°C Db  
**Size(IN):**1/2" NPT  
**Working Temp.(°C):**-20~+60°C  
**Material:**stainless steel  
 When installed in the top of an enclosure, these fittings act as breathers. Bottom installations permit water to drain from the enclosure continuously.

**SDEJ-B2**



**Ex mark:**Ex d IIC T6 Gb X  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø56xW81xH86  
**Type:**2 holes+Bottom hole

**SDEJ-B3**



**Ex mark:**Ex d IIC T6 Gb X  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø56xW89.7xH86  
**Type:**3 holes+Bottom hole

**SDEJ-B4**



**Ex mark:**Ex d IIC T6 Gb  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø56xW88.7xH86  
**Type:**4 holes+Bottom hole

**SDEJ-F2**



**Ex mark:**Ex d IIC T6 Gb  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø56xW78.7xH74  
**Type:**2 holes

**SDEJ-F3**



**Ex mark:**Ex d IIC T6 Gb  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø56xW89.7xH74  
**Type:**3 holes

**SDEJ-F4**



**Ex mark:**Ex d IIC T6 Gb  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø56xW89.7xH74  
**Type:**4 holes

**SDEJ-F2**



**Ex mark:**Ex d IIC T6 Gb  
**Input Voltage:**600V  
**Material:**stainless steel  
**Dimensions:**Ø56xW78.7xH74  
**Type:**2 holes

**SDEJ-F2 / F4-002**



**Ex mark:**Ex d IIC T6 Gb  
**Input Voltage:**600V  
**Material:**aluminum alloy  
**Dimensions:**Ø50xW90xH77  
**Type:**2, 4 holes

**Hose**



Size	H	W	L
1/2"	12	37	Order
3/4"	18	44	
1"	24	52	
1-1/4"	32	63	
1-1/2"	36	75	
2"	45	83	
2-1/2"	58	100	
3"	74	115	
4"	102	150	

**YS / YS-B**



**Material:**aluminum alloy, stainless steel  
**YS Size(IN):**1/2", 3/4", 1" NPT  
**YS-B Size(IN):**1 1/4", 1 1/2", 2", 2 1/2", 3", 4" NPT

**Ex mark:**Ex d II Gb,Ex e II Gb,Ex tb IIIC IP66 Db  
**Material:**copper  
**Size(IN):**1/2"NPT  
**Working Temp.(°C):**-20~+60°C  
**Used in:**Ø8~10,Ø10~13

**SDC-CPN04-L01**



**Ex mark:**Ex d II Gb,Ex e II Gb,Ex tb IIIC IP66 Db  
**Material:**copper  
**Size(IN):**3/4"NPT  
**Working Temp.(°C):**-20~+60°C  
**Used in:**Ø10.5~13,Ø13~15.5,Ø15.5~18

**SDC-CPN06-L01**



**SDC-CPN04**



**Ex mark:**Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC IP66 Db  
**Material:**copper  
**Size(IN):**1/2"NPT  
**Working Temp.(°C):**-20~+60°C  
**Used in:**Ø5.5~8,Ø8~10.5,Ø10.5~13

**Ex mark:**Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC IP66 Db  
**Material:**copper  
**Size(IN):**3/4"NPT  
**Working Temp.(°C):**-20~+60°C  
**Used in:** Ø7~9,Ø8~10.5,Ø10.5~13

**SDC-CPN06**



**Ex mark:**Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC IP66 Db  
**Material:**copper  
**Size(IN):**1"NPT  
**Working Temp.(°C):**-20~+60°C  
**Used in:** Ø15~18,Ø18~21,Ø21~24

**SDC-CPN08**

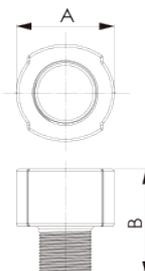


**SDC-CPN12**

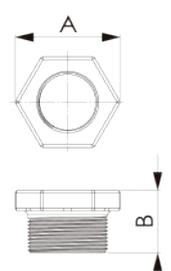


**Ex mark:**Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC IP66 Db  
**Material:**copper  
**Size(IN):**1-1/2"NPT  
**Working Temp.(°C):**-20~+60°C  
**Used in:** Ø24~27,Ø27~30,Ø30~33

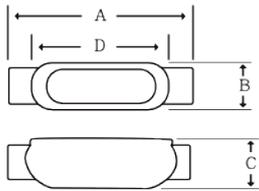
**Size(IN):**1/2"~3"  
 ↓  
**Size(IN):**3/4"~4"



**Size(IN):**3/4"~4"  
 ↓  
**Size(IN):**1/2"~3"



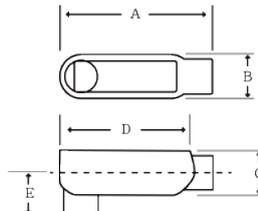
**C-type**



Size(IN):1/2"~4"

C TYPE

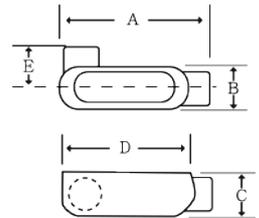
**LB-type**



Size(IN):1/2"~4"

LB TYPE

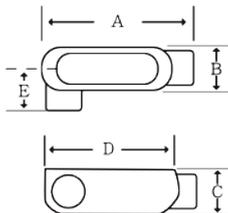
**LL-type**



Size(IN):1/2"~4"

LL TYPE

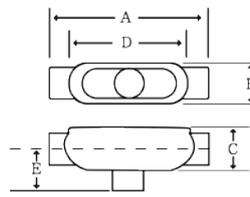
**LR-type**



Size(IN):1/2"~4"

LB TYPE

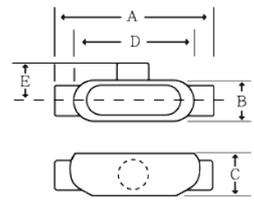
**TB-type**



Size(IN):1/2"~4"

TB TYPE

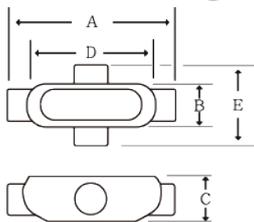
**T-type**



Size(IN):1/2"~4"

T TYPE

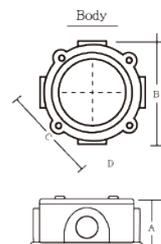
**X-type**



Size(IN):1/2"~2"

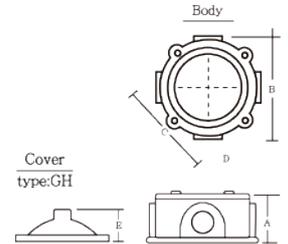
X TYPE

**GH-type**



Size(IN):1/2"~1"

**GX-type**



Size(IN):1/2"~1"

### Flameless Explosion Venting



**Ex mark:**Ex d  
**Dimensions:**from 200 to 1000 mm  
**Pmáx:**10 bar  
**Max. Pred admissible:** 0,5 bar  
**Safety distance:** 1,5-4 m  
**Product:**flammable dust up to KSt max.<250bar m/s

### Isolation Flap Valve



**Ex mark:**Ex d  
**Dimensions:**71~1000 mm (DIN 24154)  
**Max. range of dust concentration in the duct:**<500 g/m<sup>3</sup>  
**Max. Pred admissible:**  
 2 barg for DN ≤ 500 mm  
 1 barg for 500<DN ≤ 1000 mm  
**Product:**Kst dust up to St2 Dust type IIIC

### Chemical Explosion Isolation



**Ex mark:**Ex d  
**Sizes of ducts:**100-700 mm  
**Agent Type:**sodium bicarbonate  
**Product:**flammable Dust up to KSt ≤ 250 bar · m/s

### Vent Panels Flat



**Ex mark:**Ex gd  
**Dimensions:**250~1220 mm  
**Bursting pressure:**20~ 500 mbar  
**Tolerance:**+/-25%  
**Max. Working Pressure:**60% Pstat  
**Support vacuum pressure:**-100 mbar  
**Max. Working Temperature:** 350°C

### Inerting System



The Inerting System INERMATIC is a custom designed explosion prevention system to control self-combustion by automatically injecting an inert gas. The Inermatic system analyzes the concentration of gas CO and temperature by sending continuously the datas to the control.

### Universal AP Enclosure



**Ex mark:**Ex d [ia IIC Ga] IIB+H2 T5 Gb · Ex tb [ia Da] IIIC T100°C Db  
**IP Rating:**IP66  
**Input Voltage:**120/230V  
**Working Temp.(°C):**-20~+60°C  
**Dimensions:**L500xW360xH175  
**Maximum power:**Basic configuration: 25W/With heaters: 125W

### SMART-EX 01



**Ex mark:**Ex ib IIC T4 Gb, Ex ib IIIC T135 °C Db  
**IP Rating:**IP64  
**Operating System:**Android 5.1.1 or 4.4.4  
**Memory:**16 GB Internal Storage / 1GB RAM  
**Capacity (mAh):**3600 mAh  
**Working Temp.(°C):**0~+50°C

### Pad-Ex 01



**Ex mark:**Ex ic IIC T4 Gc IP64,Ex ic IIIB T135°C Dc  
**IP Rating:**IP65  
**Operating System:**Win 10 Pro ,Downgrade Win 8.1 Pro / Win 7 Pro possible  
**Memory:**One DDR3L socket for 4GB / 8GB / 16GB  
**Working Temp.(°C):**-10~+55°C

### iPad mini-Ex



**Ex mark:**Ex db IIC T6 Gb, Ex tb IIIC T85°C Db  
**IP Rating:**IP68  
**Operating System:**ipad mini(A17Pro) A2293 Wi-Fi, ipad mini(A17Pro) A2295 Wi-Fi+Cellular data  
**Memory:**128GB, 256GB, 512GB  
**Dimensions(mm):**L248 x W192 xH27

**"Integrity as the foundation, striving for excellence" – Santzuoo co., ltd.(Sanctity) is your best partner for building a safe working environment!**

Founded in 1976 in Kaohsiung, Sanctity launched heating pipes and radiators with West Germany technology. In 1985, the founder relocated the factory to Yunlin to nurture local talent and increase employment opportunities, expanding the production of explosion-proof lighting and focusing on manufacturing high-quality explosion-proof lights and electrical equipment.

Our product range includes various explosion-proof lights, explosion-proof electrical systems, explosion-proof emergency lighting systems, explosion-proof static grounding systems, explosion-proof human-machine systems, explosion-proof positive pressure systems, explosion-proof fire-fighting equipment, and explosion-proof peripheral equipment/accessories. We are a leading manufacturer of explosion-proof control switch boxes in Taiwan.

Sanctity is one of the few local suppliers with independent design and development experience in explosion-proof apparatus. We hold multiple domestic and international certifications and distribute leading Ex products around the world, including purge and pressurization systems from Germany's Pepperl+Fuchs (P+F) and dust suppression systems from Spain's Adix Group, serving well-known companies in the semiconductor, biotechnology, chemical, petrochemical, natural gas, energy generation, and food industries.



# Ex Apparatus

From our profession and experience with our mission and our social responsibility, we aim to provide safe, and sustainable service to serve the earth.

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