

VENAS



Products for Hazardous and Harsh Locations

Safe/Reliable/Efficient

Made in China, Cambodia, and Europe

Flat/Rm 1101D, 11/F Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Hong Kong.
sales@venas.com www.venas.com





Series A/A2/A3/A4

A2: 20-60W;
A: 80-100W;
A3: 150-200W;
A4: 250-400W

Class I Division 2
Zone 1&2, Zone 21&22



Series A5/A6

A5: 50-240W;
A6: 50-120W

Zone 1&2,
Zone 21&22



Series A7/A8

A7: 100-480W;
A8: 100-240W

Zone 1&2,
Zone 21&22



Series A9/A10

A9: 50-240W;
A10: 50-120W

Zone 1&2,
Zone 21&22



Series B/B2/B3/B4

B2: 20-40W;
B: 60-80W;
B3: 100-200W;
B4: 250-400W

Class I Division 2
Zone 1&2, Zone 21&22



Series B-F Food Light

B2: 20W/40W;
B: 60W/80W;
B3: 100W-200W

Class I, Division 2



Series C/C2/C3

C2: 20-80W;
C: 100-200W;
C3: 200-280W

Class I Division 1
Zone 1&2, Zone 21&22



Series D/D2

D2: 20-80W;
D: 100-200W

Class I Division 1
Zone 1&2, Zone 21&22



Series D3/D4

D3: 100W;
D4: 200W

Class I Division 1
Zone 1&2, Zone 21&22



Series D5

D5: 20-60W;

Class I Division 1
Zone 1&2, Zone 21&22



Series D6/D7/D8

D6: 5-10W;
D7: 5-10W;
D8: 5-10W

Class I Division 1
Zone 1&2, Zone 21&22



Series EA

20-250W

Class I Division 1
Group A, B, C, D

Zone 1&2,
Zone 21&22



Series E

20-220W

Class I Division 1
Zone 1&2, Zone 21&22



Series F

20-100W

Class I Division 1
Zone 1&2, Zone 21&22



Series G

10-50W

Class I Division 1
Zone 1&2, Zone 21&22



Series O

10-40W;

Class I Division 2
Zone 1&2, Zone 21&22



Series Q1/Q2

Q1: 20-80W;
Q2: 100-200W

Zone 2,
Zone 21&22



Series S1/S2

S1: 20-80W;
S2: 100-200W

Zone 1&2,
Zone 21&22



Series R2/R4

R2: 10-40W;
R4: 10-60W

Class I Division 2
Zone 1&2, Zone 21&22



Series H2/H4

H2: 20-40W;
H4: 40-80W

Class I Division 2
Zone 2, Zone 21&22



Series I2/I4

I2: 20-60W;
I4: 60-120W

Class I Division 1
Zone 1&2, Zone 21&22



Series STA 1/2/3

STA1: 20-250W;
STA2: 20-150W;
STA3: 20-150W

Class I Division 2
Zone 1&2, Zone 21&22



Series STA4

35-140W

Zone 1&2,
Zone 21&22



Series CPA

60-150W

Zone 2,
Zone 21&22



Series ES01

Exit Light: 3-10W
Illuminating Light: 3-15W

Zone 1&2,
Zone 21&22



Series ES02 A1

5W/8W/10W
15W/16W/20W/24W

Zone 1&2,
Zone 21&22



Series ES02 B1

7-20W

Zone 1&2,
Zone 21&22



Series ES02 B2/B3

5W

Zone 1&2,
Zone 21&22



Series ES02 B4/B5

Head Light: 15W Max.
Exit Sign: 5W Max.

Zone 1&2,
Zone 21&22



Series ES02 C1

3W/5W/10W

Zone 1&2,
Zone 21&22



Series ES02 C2/C3

Junction Box &
Emergency Backup Box

Zone 1&2,
Zone 21&22



Series ES02 D1

3W/5W/10W

Zone 1&2,
Zone 21&22

OEM Only



Series ES03 C2/A4

EX-PD61-YJ01 ES03C2
EX-PD61-YJ01 ES03A4

Class I Division 1
Zone 1&2, Zone 21&22

OEM Only



Series ES03 C1/A1

C1: 3W/5W/10W
A1: 3W/5W/8W/10W

Class I Division 1
Zone 1&2, Zone 21&22

OEM Only



Series ES03 A2/A3

A2: 3W/5W/8W/10W
A3: 3W/5W/8W/10W

Class I Division 1
Zone 1&2, Zone 21&22

OEM Only



Series J

3-5W;

Class I Division 1
Zone 1&2, Zone 21&22



Series FLB

A series: 1 x (15 to 28)W,
2 x (15 to 28)W, 3 x (15 to 28)W
B series: 1 x (20 to 45) W,
2 x (20 to 45)W, 3 x (20 to 45)W
C series: 1 x (36 to 72) W,
2 x (36 to 72)W, 3 x (36 to 72)W

Zone 1&2,
Zone 21&22



Series FLD

20W/40W/60W/80W
100W/120W/160W/240W

Class I Division 2
Zone 2, Zone 21&22



Series FLB2

17W/35W/40W/54W/60W

Class 1 Division 1&2
Zone 1&2,
Zone 21&22



Series FLE

10W-100W

Zone 1&2,
Zone 21&22



Series FLC

20W/40W/50W/80W

Zone 1&2,
Zone 21&22



Series FLF

10W-100W

Class I Division 2
Zone 1&2, Zone 21&22



Series WKC

1-10W

Zone 0,1&2,
Zone 21&22



Series WKE

Strong Light: 2W
Work Light: 1W

Class 1 Division 1&2
Zone 0,1&2
Zone 21&22



Series WKG

Strong Light: 2W
Work Light: 1W

Zone 0,1&2,
Zone 21&22



Series V

1-3W

Class I Division 2
Zone 2, Zone 21&22



Series MV01

Strong Light: 19.5W
Work Light: 10W

Class I Division 1
Zone 0,1&2



Series L

3-30W;

Class I Division 1
Zone 1&2, Zone 21&22



Series W

Light: 3-35W;
Speaker: 15-25W

Class I Division 1
Zone 1&2, Zone 21&22



lighting control switch (motion sensor)

Series: EX-IN01-B-MS/OS/MO

Voltage: AC120-277V, 50Hz

Detection Zone:
Max. (D x H): 16m x 15m

Degree of Protection: IP66/67

Class I, Division 1 & 2;
Class II, Division 1;
Class II, Division 2;
Class III;
Zone 1 & 2, Zone 21& 22



Installation Switch

Series: EX-ZM

Voltage: Max. AC250V

Current: 16A, 25A

Terminals: 3 x (2.5-4)mm²

Degree of Protection: IP66



Gas Detector IN01

Series: EX-IN01-A/B/C/D

Working Temperature:
-60°C to 70°C / -60°C to 85°C
-76°F to 158°F / -76°F to 185°F

Voltage: DC24V

Degree of Protection: IP66

Class 1 Division 1&2
Zone 1&2,
Zone 21&22



Junction Box

Series: EX-HD51

Voltage: Max. AC250V

Current: 24A, 32A, 41A

Degree of Protection: IP66
/IP67



Distribution Box

Series: EX-PD62

Voltage: Max. AC500V

Current: 5A/24A/32A/41A/
57A/76A/125A/192A/
269A/353A/520A

Degree of Protection: IP66/67



Sensor

Series: EX-IN02-MS/OS/MO

Working Temperature:
-30°C~60°C (-22°F~140°F)

Voltage: AC120-277V
AC120-347V

Degree of Protection: IP66

Class I Division 2
Zone 2 Zone 22



Control Unit System

Series: EX-ZA65

Voltage: Max. AC50V
DC250V

Current: Max. 10A(AC)
6A,(DC)

Degree of Protection: IP66
/IP67



Plug and Socket

Series: EX-CZ81-16/32
/63/125

Voltage: Max. AC250V

Current: 16A, 32A, 63A,
125A(optional)

Degree of Protection: IP66



Distribution Equipment

Series: EX-PD 61

Voltage: Max. AC1000V
50/60 HZ

Current:1200A

Degree of Protection: IP66



Alloy Bushings

Series: EX-HC

Connection Thread:
1. Metric thread
2. NPT or other thread
(optional)

Thread Pitch:
Metric thread: 15mm
Other thread: Customizable

Ambient Temperature:
-60°C to +70°C



Seal Bushings

Series: EX-AG

Connection Thread:
1. Metric thread
2. NPT or other thread
(optional)

Degree of Protection: IP66
/IP67



Pushbuttons

Series: EX-A

Connection Thread:
1. Metric thread
2. NPT or other thread
(optional)

Degree of Protection:
IP66-IP68

Ambient Temperature:
-60°C to +100°C



Indicators

Series: EX-D

Voltage: AC400V, 50/60HZ
AC220-415V, 50/60HZ
DC220V, AC/DC48-120V
AC/DC12-36V

Current:10A(forAC660V)
6A(forDC400V)

Degree of Protection:
IP66-IP68



Control Switch

Series: EX-K

Voltage: Max. AC500V
DC400V

Current: 16A, 25A

Degree of Protection:
IP66-IP68

Ambient Temperature:
-60°C to +100°C



Connector

Series: EX-GJ

Structure type: F/F, M/M

Current: 16A, 32A, 63A,
125A (optional)

Degree of Protection:
IP66-IP68

Ambient temperature:
-60°C to+200°C



Cable Glands

Series: EX-QM

Seal type: Single seal
/Double Seal

Suitable for:
Armored cable
/Unarmored cable

Entry thread: Metric or NPT

Degree of Protection:
IP66-IP68



Flexible Conduit

Series: EX-NG

Connection Thread:
1. Metric thread
2. NPT or other thread
(optional)

Ambient temperature:
-60°C to+80°C

Type: F/F, M/F, M/M



EX Stopping Rod

Material: Plastic

Working Temperature:
-40°C to 55°C
(-40°F to 131°F)

Size: φ8/φ12/φ23/φ32



Locknut

Material: Galvanized carbon steel, nickel plated brass or stainless steel.

Metric: M16~M115

NPT: 1/2"~4"

G: 1/2"~4"



Serrated Washer

Material: Stainless steel.

Specification: M20x1.5
M25x1.5; M32x1.5
M40x1.5; M50x1.5
M63x1.5; M75x1.5



Stopping Plug

Material: PA66(Polyamide)

Specification: M16x1.5
M20x1.5; M25x1.5; M32x1.5
M40x1.5; M50x1.5; M63x1.5

Working Temperature:
-40°C to 70°C
(-40°F to 150°F)

Degree of Protection: IP66



Stopping Plug

Material: Copper-free aluminum

Metric: M20~M63

NPT: 1/2"~2"

G: 1/2"~2"



Stopping Plug

Material: Galvanized carbon steel, nickel plated brass or stainless steel.

Metric: M20~M115

G: 1/2"~4"



Shroud

Material: Silicone rubber

Function: Fitting over cable glands for additional protection



Sealing Washer

Material: Nickel plated brass

Function: Earth connection



Sealing Washer

Material: Teflon(PTFE)

Function: For use on cable gland entry threads