

ROBBANÁSBIZTOS VILLAMOSSÁG

Ex világítás, jelzés, szerelvények

Termékkatalógus 2026

171 termék · ATEX / IECEx · Zone 1 / 2 / 21 / 22

ATEX RENDSZEREK EGY KÉZBŐL

ATEX rendszerek egy kézről

Az Aeris Technologies Kft. robbanásveszélyes környezetbe szánt ipari biztonságtechnikai rendszereket szállít és telepít. A tervezéstől a kábelezésen és beüzemelésen át a dokumentálásig minden lépés hozzánk tartozik, így az ügyfélnek egy partnere és egy felelőse van.

- Minden eszköz ATEX vagy IECEx tanúsítással, CE és RoHS dokumentációval
- Zone 1 / 2 / 21 / 22, IIA-IIC gázcsoport, T1-T6 hőmérsékletosztály
- Helyszíni felmérés, tervezés, szerelés, beüzemelés, éves kalibrálás
- Tételes árajánlat 2 munkanapon belül

TARTALOM

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A műszaki adatok angol nyelvűek, az ipari gyakorlatnak megfelelően. Az adatok tájékoztató jellegűek, a műszaki változtatás jogát fenntartjuk.

9 TERMÉK

Ex hang-fény jelzők



AE-SW-101

LED Explosion-Proof Warning Lamp

Ex db IIC T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC12 / 24 / 36V; AC220 / 380V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥90 dBA
Flashing Frequency	120-150 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow
Cable Entry Thread	G3/4"; M25×1.5; 3/4" NPT; 1/2" NPT
Anti-Corrosion Level	WF2



AE-SW-102

Mini Explosion-proof Tri-Color Signal Light

Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC12 / 24V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥90 dBA
Flashing Frequency	80-100 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow
Cable Entry Thread	G3/4"; M25×1.5; 3/4" NPT; 1/2" NPT
Anti-Corrosion Level	WF2



AE-SW-103

LED Explosion-Proof Warning Lamp

Ex db ib IIC T6 Gb · Ex tb ibIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC12 / 24V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥120 dBA
Flashing Frequency	120-150 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow / White
Cable Entry Thread	G3/4"; 3/4" NPT
Anti-Corrosion Level	WF2



AE-SW-104

Single Horn LED Explosion-Proof Warning Lamp

Ex db IIC T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥180 dBA
Flashing Frequency	120-150 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow
Cable Entry Thread	G3/4"; M25×1.5; 3/4" NPT
Anti-Corrosion Level	WF2



AE-SW-105

Multi-Layer LED Explosion-Proof Warning Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	5W
Rated Voltage	DC12 / 24V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥120 dBA
Flashing Frequency	120-150 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow
Cable Entry Thread	G3/4"; 3/4" NPT
Anti-Corrosion Level	WF2



AE-SW-106

Stainless Steel LED Explosion-Proof Warning Lamp

Ex db IIC T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤15W
Rated Voltage	DC12 / 24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥90-120 dBA
Flashing Frequency	120-150 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow
Cable Entry Thread	G3/4"; 3/4" NPT
Anti-Corrosion Level	WF2



AE-SW-107

Stainless Steel Explosion-Proof Tri-Color Signal Light

Ex db IIC T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤15W
Rated Voltage	DC12 / 24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Sound Level	≥90-120 dBA
Flashing Frequency	120-150 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / Green / Blue / Yellow
Cable Entry Thread	G3/4"; 3/4" NPT
Anti-Corrosion Level	WF2



AE-SW-108

LED Explosion Proof Aviation Obstruction Light

Ex db IIC T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	10 / 20 / 40W
Rated Voltage	AC110-275V
Flashing Frequency	20-60 /min
Peak Light Intensity	Medium Light Intensity ≥2000 High Light Intensity ≥20000 cd
Light Color	Red / White
Cable Entry Thread	3/4" NPT
Control Method	Cable Control / Light Control
Synchronization Method	Beidou Satellite GPS Synchronization (Optional)
Anti-Corrosion Level	WF2



AE-SW-109

Solar LED Explosion Proof Aviation Obstruction Light

Ex db IIB T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤20W
Rated Voltage	DC12V
Wide Voltage Input	AC110-277V (Optional)
Battery Capacity	12V / 8Ah
Effective Light Intensity	≥2000 cd
Flashing Frequency	20-60 /min
Lighting Mode	Rotating / Flashing / Steady on
Light Color	Red / White
Cable Entry Thread	G3/4"

18 TERMÉK

Ex tömszelencék, kábelbevezetők



AE-EG-101

Explosion-Proof Isolating Sealed Connector

Ex d IIC Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Aluminum Alloy
Type	BHC-M-Y: Vertical I type / BHC-M-Z: Horizontal type /
Vertical II type / BHC-M-H	BHC-M-P
Rated Current	20A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1 / WF2
Cable Entry Thread	G1/2"-G4"
Cable O.D.	φ7-10 / φ9-14 / φ14-18 / φ15-23 / φ18-30 / φ25-38 / φ30-46 / φ38-56 mm



AE-EG-102

Explosion-Proof Isolating Sealed Connector

Ex d IIC Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Carbon Steel
Type	BHC-M-Y: Vertical I type / BHC-M-Z: Horizontal type /
Vertical II type / BHC-M-H	BHC-M-P
Rated Current	20A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1 / WF2
Cable Entry Thread	G1/2"-G4"
Cable O.D.	φ7-10 / φ9-14 / φ14-18 / φ15-23 / φ18-30 / φ25-38 / φ30-46 / φ38-56 mm



AE-EG-103

Explosion-Proof Isolating Sealed Connector

Ex d IIC Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Stainless Steel
Type	BHC-M-Y: Vertical I type / BHC-M-Z: Horizontal type /
Vertical II type / BHC-M-H	BHC-M-P
Rated Current	20A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1 / WF2
Cable Entry Thread	G1/2"-G4"
Cable O.D.	φ7-10 / φ9-14 / φ14-18 / φ15-23 / φ18-30 / φ25-38 / φ30-46 / φ38-56 mm



AE-EG-104

Explosion-Proof Unarmored Compression | Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type	Female Thread Cable Gland
Material	Carbon Steel / Nickel-Plated Brass / Stainless Steel
Operating Temperature	-50~120 °C
Thread Specifications	M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"
Applicable Cable O.D.	φ5-10 / φ9-15 / φ14-20 / φ19-25 / φ25-32 / φ35-40 / φ45-50 / φ56-65 / φ64-75 / φ78-92 mm



AE-EG-105

Explosion-Proof Unarmored Compression | Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type	Unarmored Cable Gland
Material	Carbon Steel / Nickel-Plated Brass / Stainless Steel
Operating Temperature	-50~120 °C
Thread Specifications	M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"
Applicable Cable O.D.	φ5-10 / φ9-15 / φ14-20 / φ19-25 / φ25-32 / φ35-40 / φ45-50 / φ56-65 / φ64-75 / φ78-92 mm



AE-EG-106

Explosion-Proof Unarmored Compression | Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type	Conduit Type Sealing Fitting
Material	Carbon Steel / Nickel-Plated Brass / Stainless Steel
Operating Temperature	-50~120 °C
Thread Specifications	M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"
Applicable Cable O.D.	φ5-10 / φ9-15 / φ14-20 / φ19-25 / φ25-32 / φ35-40 / φ45-50 / φ56-65 / φ64-75 / φ78-92 mm



AE-EG-107

Explosion-Proof Unarmored Compression | Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type	Single Compression Cable Gland
Material	Carbon Steel / Nickel-Plated Brass / Stainless Steel
Operating Temperature	-50~120 °C
Thread Specifications	M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"
Applicable Cable O.D.	φ5-13 / φ8-18 / φ12-22 / φ16-28 / φ18-33 / φ25-45 / φ30-50 / φ38-65 / φ45-80 mm



AE-EG-108

Explosion-Proof Armored Compression Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type	Single Compression Armored Cable Gland
Material	Carbon Steel / Nickel-Plated Brass / Stainless Steel
Operating Temperature	-50~120 °C
Thread Specifications	M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"
Applicable Cable O.D.	φ8-15 / φ10-20 / φ14-26 / φ16-28 / φ22-42 / φ28-50 / φ35-60 / φ45-78 / φ60-92 mm



AE-EG-109

Explosion-Proof Armored Compression Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Double Compression Armored Cable Gland

Material

Carbon Steel / Nickel-Plated Brass / Stainless Steel

Operating Temperature

-50~120 °C

Thread Specifications

M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"

Applicable Cable O.D.

φ8-15 /φ10-20 /φ14-26 / φ16-28 /φ22-42 /φ28-50 /φ35-60 /φ45-78 / φ60-92 mm



AE-EG-110

Explosion-Proof Armored Compression Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Armored Cable Gland

Material

Carbon Steel / Nickel-Plated Brass / Stainless Steel

Operating Temperature

-50~120 °C

Thread Specifications

M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"

Applicable Cable O.D.

φ8-15 /φ10-20 /φ14- 26 /φ16-28 /φ22-42 /φ28-50 /φ35-60 /φ45- 78 /φ60-92 mm



AE-EG-111

Explosion-Proof Armored Compression Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Single Compression Armored Conduit Cable Gland

Material

Carbon Steel / Nickel-Plated Brass / Stainless Steel

Operating Temperature

-50~120 °C

Thread Specifications

M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"

Applicable Cable O.D.

φ8-15 /φ10-20 /φ14-26 /φ16-28 /φ22-42 /φ28-50 /φ35-60 /φ45-78 / φ60-92 mm



AE-EG-112

Explosion-Proof Armored Compression Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Double Compression Armored Cable Gland

Material

Carbon Steel / Nickel-Plated Brass / Stainless Steel

Operating Temperature

-50~120 °C

Thread Specifications

M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"

Applicable Cable O.D.

φ8-15 /φ10-20 /φ14-26 / φ16-28 /φ22-42 /φ28-50 /φ35-60 /φ45-78 /φ60- 92 mm



AE-EG-113

Explosion-Proof Armored Compression Cable Gland

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Double Compression Armored Cable Gland

Material

Carbon Steel / Nickel-Plated Brass / Stainless Steel

Operating Temperature

-50~120 °C

Thread Specifications

M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"

Applicable Cable O.D.

φ8-15 / φ10-20 / φ14-26 / φ16-28 / φ22-42 / φ28-50 / φ35-60 / φ45-78 / φ60- 92 mm



AE-EG-114

Explosion-Proof Cable Gland

Ex eb IIC Gb · Ex tbIIIC Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Material

GRP / Customizable

Sealing Ring Material

Silicone Rubber

Thread Specifications

M20×1.5-M63×1.5; 1/2" NPT-2" NPT

Applicable Cable O.D.

φ8-12 / φ13-18 / φ19- 24 / φ16-28 / φ25-32 / φ32-42 mm



AE-EG-115

Compression Nut / Lock Nut

Material

For cable sealing and clamping Sealing and clamping assembly for a wider cable diameter range

Specifications

Carbon Steel / Nickel-Plated Brass / 304/316 Stainless Steel / other customizable

M20×1.5-M75×1.5; M90×2; M115×2; 1/2" NPT-4" NPT; G1/2"-G4"



AE-EG-116

Grounding Lug

Specifications

For earthing connection between cable gland and equipment

Rated Short-Time Withstand Current

G1/2"-G2"

15 / 20 / 25 / 32 / 40 / 50 kA/s



AE-EG-117

PVC Shroud

Specifications

For protection, sealing, and cable strain relief

Operating Temperature

M20×1.5-M75×1.5; 1/2" NPT-2-1/2"NPT; G1/2"-G2-1/2"

Operating Pressure

35~80 °C

0.05 MPa



AE-EG-118

Sealing Ring

Specifications

For sealing and clamping cables in cable entry devices

G1/2"-G4"

12 TERMÉK

Ex kötődobozok



AE-EJ-101

Explosion-Proof Junction Box

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex e IIC T6 Gb RoHS IP54 IP65

Material	Aluminum Alloy
Type	A: 1Entry in horizon / B: 2Direct entries
in horizon / C	3Entries in horizon / D: 4Entries
in horizon / E	2Perpendicular entries in
horizon / F	1Entry hanging / G: 2Direct entries
hanging / H	3Entries hanging / I: 4Entries
hanging / J	2Perpendicular entries hanging
Rated Current	20A
Rated Voltage	AC220 / 380V



AE-EJ-102

Explosion-Proof Junction Box

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex e IIC T6 Gb RoHS IP54 IP65

Material	Stainless Steel
Type	A: 1Entry in horizon / B: 2Direct entries
in horizon / C	3Entries in horizon / D: 4Entries
in horizon / E	2Perpendicular entries in
horizon / F	1Entry hanging / G: 2Direct entries
hanging / H	3Entries hanging / I: 4Entries
hanging / J	2Perpendicular entries hanging
Rated Current	20A
Rated Voltage	AC220 / 380V



AE-EJ-103

Explosion-Proof Junction Box

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex e IIC T6 Gb RoHS IP54 IP65

Material	Cast Steel
Type	A: 1Entry in horizon / B: 2Direct entries
in horizon / C	3Entries in horizon / D: 4Entries
in horizon / E	2Perpendicular entries in
horizon / F	1Entry hanging / G: 2Direct entries
hanging / H	3Entries hanging / I: 4Entries
hanging / J	2Perpendicular entries hanging
Rated Current	20A
Rated Voltage	AC220 / 380V



AE-EJ-104

Explosion-Proof Hanging Junction Box

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex e IIC T6 Gb

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	20A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Material	Aluminum Alloy
No. of Terminals	4
Cable Entry Thread	G3/4"
Cable O.D.	ø7-38 mm
Dimensions (mm)	175×66×170
AH-20dB	



AE-EJ-105

Explosion-Proof Eight-Way Junction Box

Ex d IIB T6 Gb · IP65 · IP66

Zone 1 Zone 2

Rated Current	20A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Material	Aluminum Alloy / 304 Stainless Steel / Cast Steel
Cable Entry Thread	G1/2"-G2"
Port Direction	Multiple Specifications
Dimensions	140×140×91 mm



AE-EJ-106

Explosion-Proof Junction Box

Ex d IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Type	Two-Way
Rated Voltage	AC220V
Anti-Corrosion Level	WF2
Cable Entry Thread	G3/4"
Dimensions	148×125×52 mm
Weight	0.575 kg



AE-EJ-107

Explosion-Proof Junction Box

Ex d IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Type	Three-Way
Rated Voltage	AC220V
Anti-Corrosion Level	WF2
Cable Entry Thread	G3/4"
Dimensions	148×136.6×52 mm
Weight	0.588 kg



AE-EJ-108

Explosion-Proof Junction Box

Ex d IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Type	Four-Way
Rated Voltage	AC220V
Anti-Corrosion Level	WF2
Cable Entry Thread	G3/4"
Dimensions	148×148×52 mm
Weight	0.616 kg



AE-EJ-109

Explosion-Proof Junction Box

Ex d IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Type	Three-Way Pendant
Rated Voltage	AC220V
Anti-Corrosion Level	WF2
Cable Entry Thread	G3/4"
Dimensions	148×136.6×52 mm
Weight	0.665 kg



AE-EJ-110

Explosion-Proof Wiring Box

Ex e IIC Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Aluminum Alloy
Type	BHC-A: Direct ways pipeline / BHC-B:
Three ways pipe / BHC-C	Four ways pipe /
BHC-D	Right angles way / BHC-E: Left angles
way / BHC-F	Back angles way / BHC-G:
Three bottom ways / BHC-H	Curl way
Anti-Corrosion Level	WF1
Cable Entry Thread	G1/2"-G3"
In-Diameter	φ15 / φ20 / φ25 / φ32 / φ40 / φ50 / φ70 / φ80 mm



AE-EJ-111

Explosion-Proof Wiring Box

Ex e IIC Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Cast Steel
Type	BHC-A: Direct ways pipeline / BHC-B:
Three ways pipe / BHC-C	Four ways pipe /
BHC-D	Right angles way / BHC-E: Left angles
way / BHC-F	Back angles way / BHC-G: Three
bottom ways / BHC-H	Curl way
Anti-Corrosion Level	WF1
Cable Entry Thread	G1/2"-G3"
In-Diameter	φ15 / φ20 / φ25 / φ32 / φ40 / φ50 / φ70 / φ80 mm



AE-EJ-112

Explosion-Proof Wiring Box

Ex e IIC Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Stainless Steel
Type	BHC-A: Direct ways pipeline / BHC-B:
Three ways pipe / BHC-C	Four ways pipe /
BHC-D	Right angles way / BHC-E: Left angles
way / BHC-F	Back angles way / BHC-G:
Three bottom ways / BHC-H	Curl way
Anti-Corrosion Level	WF1
Cable Entry Thread	G1/2"-G3"
In-Diameter	φ15 / φ20 / φ25 / φ32 / φ40 / φ50 / φ70 / φ80 mm

19 TERMÉK

Ex dugaljak és csatlakozók



AE-EP-101

Explosion-Proof Plug

Ex d IIB T6 Gb · Ex tbIIIC T80°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	16A
Rated Voltage	AC220-250 / 380-415V
Anti-Corrosion Level	WF1
No. of Poles	1P+N+PE / 3P+N
Cable Entry Thread	G3/4"
Cable O.D.	ø9-14 mm
Dimensions	Type Z: 125×120×190 mm
Type X	235×112×118 mm
Installation Dimensions	80×80 mm



AE-EP-102

Explosion-Proof Plug

Ex d IIB T6 Gb · Ex tbIIIC T80°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	32 / 60A
Rated Voltage	AC220-250 / 380-415V
Anti-Corrosion Level	WF1
No. of Poles	1P+N+PE / 3P+N+PE
Cable Entry Thread	G1¼"
Cable O.D.	ø9-14 / ø14-25 mm
Dimensions	Type Z: 170×110×270 mm
Type X	340×125×120 mm
Installation Dimensions	80×80 mm



AE-EP-103

Explosion-Proof Plug

Ex d IIB T6 Gb · Ex tbIIIC T80°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	32A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
No. of Poles	1P+N+PE / 3P+N
Cable Entry Thread	G1¼"
Cable O.D.	ø14-25 mm



AE-EP-104

Explosion-Proof Plug

Ex d IIB T4 Gb · Ex tbIIIC T130°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	63A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
No. of Poles	1P+N+PE / 3P+N+PE
Cable Entry Thread	G1½"
Cable O.D.	ø14-25 mm



AE-EP-105

Explosion-Proof Plug

Ex d IIB T4 Gb · Ex tbIIIC T130°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	100A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
No. of Poles	1P+N+PE / 3P+N+PE
Cable Entry Thread	G2"
Cable O.D.	φ25-38 mm



AE-EP-106

Explosion-Proof Plug

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	16A
Rated Voltage	DC24 / 36V; AC100-130 / 200-250 / 380-415 / 480-500 / 600-690V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	2P / 2P+PE / 3P+PE / 3P+N+PE
Cable Entry Thread	
Plug	1-M25×1.5 / 1-M32×1.5
Socket	2-M25×1.5 / 2-M32×1.5
Cable O.D.	φ9-14 / φ11-18 mm
Dimensions	350×164×106 mm



AE-EP-107

Explosion-Proof Plug

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	32A
Rated Voltage	AC200-250 / 380-415 / 480-500 / 600-690V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	2P+PE / 3P+PE / 3P+N+PE
Cable Entry Thread	
Plug	1-M32×1.5
Socket	2-M32×1.5
Cable O.D.	φ11-18 mm
Dimensions	400×195×126 mm



AE-EP-108

Explosion-Proof Plug

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	63A
Rated Voltage	AC200-250 / 380-415 / 480-500 / 600-690V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	3P+PE / 3P+N+PE
Cable Entry Thread	
Plug	1-M50×1.5
Socket	2-M40×1.5
Cable O.D.	φ17-30 / φ14-23 mm
Dimensions	485×238×187 mm



AE-EP-109

Explosion-Proof Plug

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	100 / 125A
Rated Voltage	AC200-250 / 380-415 / 480-500 / 600-690V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	3P+PE / 3P+N+PE
Cable Entry Thread	
Plug	1-M50×1.5
Socket	2-M50×1.5
Cable O.D.	φ17-30 mm
Dimensions	710×256×360 mm



AE-EP-110

Explosion-Proof Corrosion-Proof Plug Socket Device

Ex d IIC T4 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	16 / 32A
Rated Voltage	AC110-130 / 200-250 / 220-250 / 380-415 / 500 / 690V
Anti-Corrosion Level	WF2
No. of Cores	3-5 cores
No. of Poles	1P+N+PE / 3P+PE / 3P+N+PE
Cable Entry Thread	16A: M25×1.5; 32A: M40×1.5
Cable O.D.	16A:φ18-17 mm; 32A:φ13-27 mm
Plug Cable O.D.	16A:φ8-19 mm; 32A:φ12-28 mm



AE-EP-111

Explosion-Proof Corrosion-Proof Plug Socket Device

Ex d IIC T4 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	63 / 125A
Rated Voltage	AC220-250 / 380-415 / 450 / 500 / 690V
Anti-Corrosion Level	WF2
No. of Cores	4 / 5 cores
No. of Poles	3P+PE / 3P+N+PE
Cable Entry Thread	M40×1.5
Cable O.D.	φ13-27 mm
Plug Cable O.D.	φ12-28 mm



AE-EP-112

Explosion-Proof Corrosion-Proof Socket Box | for Power Source

Ex de IIC T6 Gb · IP65

Zone 1 Zone 2

Rated Current	16A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF2
No. of Poles	3P+N+PE / *1P+N+PE
Circuit Number	2 / 3 / 4 / 6
Dimensions (mm)	
BXX-2	220×426×180
BXX-4	281×426×195
BXX-6	360×426×180



AE-EP-113

Explosion-Proof Non-Sparking Plug & Socket | Single-Phase Three-Pole

Ex nA II T4 Gc · IP65

Zone 2

Rated Current	15 / 25 / 60A
Rated Voltage	AC250V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	1P+N+PE
Applicable Cable Specifications (mm)	
15A	3×15, 3×2.5
25A	3×2.5, 3×4
60A	3×6, 3×10



AE-EP-114

Explosion-Proof Non-Sparking Plug & Socket | Three-Phase Four-Pole

Ex nA II T4 Gc · IP65

Zone 2

Rated Current	15 / 25 / 60 / 100 / 150 / 200 / 300A
Rated Voltage	AC400 / 500V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	3P+N
Applicable Cable Specifications (mm)	
15A	4×1.5, 4×2.5 / 3×2.5+1×1.5
25A	4×2.5, 4×4 / 3×4+1×2.5
60A	4×6, 4×10 / 3×10+1×6
100A	4×16, 4×25 / 3×25+1×10



AE-EP-115

Explosion-Proof Non-Sparking Plug & Socket | Three-Phase Five-Pole

Ex nA II T4 Gc · IP65

Zone 2

Rated Current	20 / 60 / 100 / 150 / 200A
Rated Voltage	AC400 / 500V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	3P+N+PE
Applicable Cable Specifications (mm)	
20A	5×2.5, 5×4
60A	5×6, 5×10
100A	5×16, 5×25
150A	5×25; 3×35+2×10



AE-EP-116

Explosion-Proof Non-Sparking Plug & Socket

Ex ec IIC T4 Gc · Ex tcIIIC T130°C Dc · IP66

Zone 2 Zone 22

Rated Current	15 / 25 / 60 / 100 / 150 / 200 / 300A
Rated Voltage	AC250 / 400 / 500V
Anti-Corrosion Level	WF1
No. of Cores	3-5 cores
No. of Poles	1P+N+PE / 3P+N / 3P+N+PE
Ambient Temperature	-20~60 °C
Withstand Voltage	AC2800V
TempeRature Rise	≤65K
Insulation Resistance	>100 MΩ (normal condition)



AE-EP-117

Explosion-Proof Non-Sparking Wall Socket Device

Ex ec IIC T5 Gc · Ex tcIIIC T95°C Dc · IP65

Zone 2 Zone 22

Rated Current	16 / 32A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
No. of Poles	1P+N+PE / 3P+N+PE
Cable Entry Thread	G3/4"
Cable Entries	1 In, 1 Out
Wall Mounting Dimensions	84×84 mm
Product Dimensions	128×100×130 mm
Terminal Material	Copper



IP66

AE-EP-118

Explosion-Proof Wall Socket

Ex tbIIIC T80°C Db · IP65 · IP66

Zone 21 Zone 22

Rated Current	10 / 16A
Rated Voltage	AC220V
Anti-Corrosion Level	WF1 / WF2
Poles	3P / 5P
Mounting	G-Type (wall-mounted)
Cable Entry Thread	G3/4"
Dimensions	140×127×105 mm
Mounting Hole Spacing	95×83 mm



AE-EP-119

Explosion-Proof Wall Plug & Socket

Ex ec IIC T6 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Model	YT: Portable Plug / GZ: Fixed Socket /
YZ	Portable Socket
Rated Current	10 / 15 / 20 / 25 / 32A
Rated Voltage	AC250 / 400 / 500V
Anti-Corrosion Level	WF1 / WF2
No. of Poles	2P+N / 3P+N
Mounting	G-Type (wall-mounted)
Cable Entry Thread	G3/4"
Dimensions (mm)	

21 TERMÉK

Ex kapcsolók és nyomógombok



AE-ES-101

Explosion-Proof Control Button

Ex de IIB T6 Gb · Ex de IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Aluminum Alloy
Rated Current	10A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Dimensions (mm)	
BZA-1	113.5×75×77
BZA-2	161.5×75×77



AE-ES-102

Explosion-Proof Control Button

Ex de IIB T6 Gb · Ex de IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	Stainless Steel
Rated Current	10A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Dimensions (mm)	
BZA-1	113.5×75×77
BZA-2	161.5×75×77



AE-ES-103

Explosion-Proof Control Button

Ex de IIB T6 Gb · Ex de IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material	GRP
Rated Current	10A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Dimensions (mm)	
BZA-1	113.5×75×77
BZA-2	161.5×75×77



AE-ES-104

Explosion-Proof Control Button | (Fire Protection Alarm)

Ex de IIB T6 Gb · Ex de IIC T6 Gb · IP54

Zone 1 Zone 2

Rated Current	0.25 / 1.6 / 2 / 2.5 / 6A
Rated Voltage	AC220 / 380V; DC24 / 60 / 110 / 220V
Anti-Corrosion Level	WF1 / WF2
Cable O.D.	φ8-10 / φ10-14 mm
Dimensions	107×85×91 / 161.5×75×77 mm



AE-ES-105

Explosion-Proof TRansfer Switch

Ex de IIB T6 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	10 / 25 / 60A
Rated Voltage	AC220-380V
Anti-Corrosion Level	WF1
Inlet Specifications	2-G3/4"; 2-G1"
Cable O.D.	φ9-14 / φ11-18 mm
Dimensions (mm)	
BHZ51-10	200×132×95 / 215×160×120
BHZ51-25	245×160×140 / 381×226×180
BHZ51-60	399×226×186



AE-ES-106

Explosion-Proof Illumination Switch

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Marking	ON / OFF (Chinese)
Rated Current	10A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Built-in Component	Flame-Proof Switch
Pole	1P+PE
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Dimensions	170×125×100 mm



AE-ES-107

Explosion-Proof Illumination Switch

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Marking	ON / OFF (English)
Rated Current	10A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Built-in Component	Flame-Proof Switch
Pole	1P+PE
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Dimensions	170×125×100 mm



AE-ES-108

Explosion-Proof Illumination Switch

Ex db eb IIC T6 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	10 / 16A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Built-in Component	Flame-Proof Switch
Pole	1P+PE
Cable Entry Thread	G3/4"
Mounting	G-Type (pendant)
Dimensions	160×123×100 mm
Mounting Hole Spacing	105 mm



AE-ES-109

Explosion-Proof Illumination Switch

Ex db IIC T6 Gb · Ex tbIIIC T95°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	16A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Built-in Component	Flame-Proof Switch
Cable Entry Thread	3/4" NPT; M25×1.5
Mounting	G-Type (pendant)
Dimensions	140×120×100 / 250×120×100 mm
Mounting Hole Spacing	100 mm



AE-ES-110

Explosion-Proof Illumination Switch

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	10A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Built-in Component	Flame-Proof Switch
Pole	1P+PE
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Product Specifications	1-Gang 2-Way / 2-Gang 2-Way / 3-Gang 3-Way
Dimensions	126×106×107 mm



AE-ES-111

Explosion-Proof Wall Switch

Ex tbIIIC T80°C Db · IP65 · IP66

Zone 21 Zone 22

Rated Current	10A
Rated Voltage	AC220V
Anti-Corrosion Level	WF1
Cable Entry Thread	G3/4"
Mounting	G-Type (wall-mounted)
Product Specifications	1-Gang 2-Way / 2-Gang 2-Way / 3-Gang 2-Way / 4-Gang 2-Way
Dimensions (mm)	
BQK-1K	128×70×80 / BQK-2K: 128×70×80 /
BQK-3K	128×110×80 / BQK-4K: 128×110×80



AE-ES-112

Explosion-Proof Circuit Breaker & Control Switch | (Changeover & Reversing Switches)

Ex db IIB T6 Gb · IP65 · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	6 / 10 / 16 / 20 / 25 / 32 / 40 / 50 / 63A
Rated Voltage	AC 220 / 230 / 240 / 380 / 415V
Anti-Corrosion Level	WF1
Cable Entry Thread	3/4" NPT"-1" NPT
Dimensions	185×168×165 mm
Installation Dimensions	95×150 mm



AE-ES-113

Explosion-Proof Circuit Breaker & Control Switch

Ex db IIB T6 Gb · Ex db IIC T6 Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	6 / 10 / 16 / 20 / 25 / 32 / 40 / 50 / 63A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	3/4" NPT"-1" NPT
Dimensions	185×168×165 mm
Installation Dimensions	95×150 mm



AE-ES-114

Explosion-Proof TRavel Switch

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	5A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	G½"
Cable O.D.	φ7-10 mm
Dimensions (mm)	
dLXK-B15Z	143×61×51
dLXK-B15L	152×61×51
dLXK-B15B	178×61×69



AE-ES-115

Explosion-Proof TRavel Switch

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	5A
Rated Voltage	AC220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	G½"
Cable O.D.	φ7-10 mm
Dimensions (mm)	
dLXK-C15Z	142.5×67×44
dLXK-C15L	151.5×67×44
dLXK-C15B	199.5×67×68



AE-ES-116

Explosion-Proof Foot Pedal Switch

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	10A
Rated Voltage	DC12 / 24 / 36 / 110 / 220V; AC24 / 36 / 110 / 127 / 220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	1/2" NPT; M20×1.5
Dimensions (mm)	
Single-Pedal Type	237×86×53
Double-Pedal Type	172×86×55
Installation Dimensions (mm)	
Single-Pedal Type	183.5×70



AE-ES-117

Explosion-Proof Foot Pedal Switch

Ex db eb IIC T6 Gb · Ex tbIIIC T80°C Db · IP65

Zone 1 Zone 2 Zone 21 Zone 22

Rated Current	10A
Rated Voltage	DC12 / 24 / 36 / 110 / 220V; AC24 / 36 / 110 / 127 / 220 / 380V
Anti-Corrosion Level	WF1
Cable Entry Thread	1/2" NPT; M20×1.5
Dimensions (mm)	
Single-Pedal Type	263×132×142
Double-Pedal Type	263×222×142
Installation Dimensions (mm)	
Single-Pedal Type	183.5×70



AE-ES-118

Explosion-Proof TRavel Switch

Ex e d IIC T6 Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	0.12 / 0.5 / 7 / 10A
Rated Voltage	AC500V; DC24 / 220 / 500V
Anti-Corrosion Level	WF1
Cable O.D.	φ6-13 mm
Dimensions	187×74 / 202×74 mm



AE-ES-119

Explosion-Proof Corrosion-Proof Controller Switch | (Illumination Switch)

Ex de IIC T6 Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	10A
Rated Voltage	AC220V
Anti-Corrosion Level	WF2
No. of Gangs	1 / 2 / 3 / 4
Cable Entry Thread	G3/4"; M28×1.5
Cable O.D.	φ10-14 mm
Dimensions	102×83×82 mm



AE-ES-120

Explosion-Proof Corrosion Proof Master Controller

Ex de mb IIC T6 Gb · Ex taIIIC T80°C Da · IP65

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	10A
Rated Voltage	AC220 / 380V
Kind of Application	AC-3; AC-4
Anti-Corrosion Level	WF2
Inlet Thread	M28×1.5; G20; M20×1.5
Cable O.D.	φ6-φ12×1 / φ8-φ14×1 / φ6-φ11×2 mm
Dimensions (mm)	102×83×72 / 155×83×72 / 208×83×72 / 260×83×72



AE-ES-121

Explosion-Proof Corrosion-Proof Control Button

Ex de IIB T6 Gb · Ex de IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Rated Current	5A
Rated Voltage	AC380V; DC220V
Anti-Corrosion Level	WF2
Cable Entry Thread	G3/4"
Cable O.D.	φ10-14 mm
Dimensions (mm)	
LA5821-1	120×71×73
LA5821-2	172×71×73
LA5821-3	217×71×73

11 TERMÉK

Ex szerelvények és idomok



AE-EF-101

Explosion-Proof Pipe Joint

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Material

Thread Specifications

Female×Female Threaded

Carbon Steel / Stainless Steel

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"


AE-EF-102

Explosion-Proof Pipe Joint

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Material

Thread Specifications

Female×Male Threaded

Carbon Steel / Stainless Steel

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"


AE-EF-103

Explosion-Proof Pipe Joint

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Material

Thread Specifications

Male×Male Threaded

Carbon Steel / Stainless Steel

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"


AE-EF-104

Explosion-Proof Pipe Joint

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Material

Thread Specifications

Threaded Reducer

Carbon Steel / Stainless Steel

3/4" NPT-4" NPT; G1/2"-G3"



AE-EF-105

Explosion-Proof Union

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Material

Thread Specifications

Female×Female Threaded

Carbon Steel / Stainless Steel

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"


AE-EF-106

Explosion-Proof Union

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

Material

Thread Specifications

Female×Male Threaded

Carbon Steel / Stainless Steel

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"



AE-EF-107

Explosion-Proof Union

Ex d IIC Gb · Ex e IIC Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Type

MalexMale Threaded

Material

Carbon Steel / Stainless Steel

Thread Specifications

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"



AE-EF-108

Explosion-Proof Hex Head Plug

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 21 Zone 22

Material

Nickel-Plated Brass / Stainless Steel

Thread Specifications

M20×1.5-M63×1.5; M90×2; M115×2;
1/2" NPT-2" NPT; G1/2"-G2"



AE-EF-109

Explosion-Proof Flexible Conduit

Ex d IIB T6 Gb · Ex d IIC T6 Gb · Ex taIIIC T80°C Da

Zone 1 Zone 2 Zone 20 Zone 21 Zone 22

Material

Stainless Steel / Steel Wire Braided /
Rubber Sheath

Anti-Corrosion Level

WF1

Thread Specifications

Female / Male

Joint Thread

M20×1.5-M75×1.5; M90×2; M115×2;
1/2" NPT-4" NPT; G1/2"-G4"

Pipe Diameter

DN15-DN100

Length

500 / 700 / 1000 mm customizable

Minimum Radius

80 / 110 / 145 / 180 / 210 / 250 / 350 /
400 / 500 mm



AE-EF-110

Mounting Pipe Clamp

Material

For connecting and mounting
guardrail-type curved rods, platform-type
curved rods, and straight rods

Specifications

Stainless Steel / Carbon Steel
G1/2"-G4"



AE-EF-111

U-Bolt Pipe Clamp

Material

For securing pipes in electrical
installations and process piping systems

Specifications

Round Steel / Stainless Steel The round
steel version is galvanized for enhanced
corrosion resistance

G1/2"-G4"

9 TERMÉK

Háromkamrás Ex LED lámpák



AE-LC-101

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	10-50W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-102

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	50-100W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-103

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	50-100W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-104

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	150-200W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-105

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	100-140W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-106

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	10-50W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-107

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	50-100W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-108

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	100-140W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LC-109

LED Three-Chamber Explosion-Proof Lamp

Ex db IIC T6 Gb · Ex tbiIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	150-200W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2

9 TERMÉK

Ex csarnokvilágítás



AE-LH-101

LED Explosion-Proof High Bay Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	10-30W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-102

LED Explosion-Proof High Bay Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	10-50W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-103

LED Explosion-Proof High Bay Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	30-100W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-104

LED Explosion-Proof High Bay Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	100-140W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-105

LED Explosion-Proof High Bay Lamp

Ex db IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	150-200W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-106

LED Explosion-Proof High Bay Lamp

Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	150-200W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-107

LED Explosion-Proof High Bay Lamp

Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	180-280W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-108

LED Explosion-Proof High Bay Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	80-120W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LH-109

LED Explosion-Proof High Bay Lamp

Ex nR IIC T6 Gc · Ex tcIIIC T80°C Dc · IP66

Zone 2 Zone 21 Zone 22

Rated Power	80-240W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2

12 TERMÉK

Ex reflektorok



AE-LF-101

LED Explosion-Proof Flood Lamp

Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	30-80W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-102

LED Explosion-Proof Flood Lamp

Ex db IIB T6 Gb · Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	80-120W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-103

LED Explosion-Proof Flood Lamp

Ex db IIB T6 Gb · Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	80-200W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-104

LED Explosion-Proof Flood Lamp

Ex db eb mb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	150-280W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-105

LED Explosion-Proof Flood Lamp

Ex db eb mb IIC T5 Gb · Ex tbIIIC T95°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	300-400W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-106

LED Explosion-Proof Flood Lamp

Ex db eb mb IIC T5 Gb · Ex tbIIIC T95°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	300-560W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-107

LED Explosion-Proof Flood Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	80-180W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-108

LED Explosion-Proof Flood Lamp

Ex nR IIC T5/T6 Gc · Ex tbIIIC T95°C / T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	300-360W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-109

LED Explosion-Proof Street Lamp

Ex db IIB T6 Gb · Ex db eb mb ITC T5/T6 Gb · Ex tbIIIC T95/80°C Db

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	80-200W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-110

LED Explosion-Proof Street Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	50-100W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-111

LED Explosion-Proof Street Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	120-150W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LF-112

LED Explosion-Proof Street Lamp

Ex nR IIC T5 Gc · Ex tbIIIC T95°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	180W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2

9 TERMÉK

Ex lineáris lámpák



AE-LL-101

LED Explosion-Proof Linear Lamp

Ex db eb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	1x16W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-120 lm/W
Anti-Corrosion Level	WF2



AE-LL-102

LED Explosion-Proof Linear Lamp

Ex db eb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	2x16W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-120 lm/W
Anti-Corrosion Level	WF2



AE-LL-103

LED Explosion-Proof Linear Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	20-30W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LL-104

LED Explosion-Proof Linear Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	40-60W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LL-105

LED Explosion-Proof Linear Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	70-120W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Power Factor	>0.95
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LL-106

LED Explosion-Proof Linear Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	40-60W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	Customized on demand
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



IP66

AE-LL-107

LED Explosion-Proof Linear Lamp

Ex nR IIC T6 Gc · Ex tbIIIC T80°C Db · IP66

Zone 2 Zone 21 Zone 22

Rated Power	70-120W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	Customized on demand
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



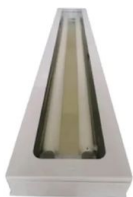
AE-LL-108

LED Explosion-Proof Linear Emergency Lamp

Ex db eb mb IIC T6 Gc · Ex tbIIIC T80°C Dc · IP65

Zone 2 Zone 22

Rated Power	1x16 / 2x16 / 1x8 / 2x8W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	Customized on demand
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LL-109

Linear Explosion-Proof Clean Fluorescent Lamp

Ex db eb mb IIC T6 Gc · Ex tbIIIC T80°C Dc · IP65

Zone 2 Zone 22

Rated Power	1x16 / 2x16 / 1x8 / 2x8W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	Customized on demand
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2

12 TERMÉK

Ex vészvilágítás és jelzőtáblák



AE-LE-101

LED Double Head Explosion-Proof Emergency Light

Ex db IIB T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	2x3W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	≥120 min
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LE-102

LED Explosion-Proof Sign Lamp

Ex db eb IIC T6 Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	3W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	≥120 min
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LE-103

LED Double Head Explosion-Proof Emergency Light

Ex db IIB T6 Gb · Ex tbIIIC T80°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	2x3W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	≥90 min
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LE-104

LED Explosion-Proof Sign Lamp

Ex db eb IIC T6 Gb · Ex tbIIIC T80°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	4W
Rated Voltage	AC220V
Wide Voltage Input	AC110-277V (Optional)
Frequency	50/60 Hz
Emergency Time	≥120 min
CCT	3000-6500K
CRI	≥70Ra (≥80Ra Optional)
Light Effect	110-130 lm/W
Anti-Corrosion Level	WF2



AE-LE-105

Compact Explosion-proof Exit Sign Light

Exd IIB T6 Gb · IP65

Zone 1 Zone 2

Rated Power	3W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Light Source Type	LED
Luminous Flux	300 lm
Emergency Time	≥90 / ≥120 / ≥180 min
Charging Time	≤24h
Cable Entry Thread	G3/4"
Anti-Corrosion Level	WF2



AE-LE-106

Smart Explosion-Proof Sign Light

Ex db eb IIC T6 Gb · Ex tb IIC T80°C Db · IP68

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Light Source Type	LED-SMD3014
Surface Brightness	50-300 cd/m ²
Emergency Time	≥90 / ≥180 min
Battery Capacity	350 mAh
Charging Time	≤24h
Cable Entry Thread	G3/4"



AE-LE-107

LED Explosion-Proof Gas Release Signal Lights

Ex db eb IIC T6 Gb · Ex tb IIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤3W
Rated Voltage	DC24V
Wide Voltage Input	AC110-277V (Optional)
Rated Current	≤50 mA
Light Source Type	LED-SMD2835
Flashing Frequency	90 /min
Surface Brightness	50-300 cd/m
Wire	Two-wire nonpolar
Cable Entry Thread	G3/4"



AE-LE-108

Smart Explosion-Proof Emergency Light (Dual-Head)

Ex db IIC T6Gb · Ex tb IIC T80°C Db · IP54

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	2x3W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Light Source Type	LED-F8
Emergency Time	≥90 / ≥180 / ≥360 min
Emergency Luminous Flux	≥50 lm
Battery Capacity	350 mAh
Charging Time	≤24h
Cable Entry Thread	G3/4"



AE-LE-109

LED Explosion-Proof Warning Light (Dual-Head)

Ex db eb mb IIC T6Gb · Ex tbIIIC T80°C Db · IP68

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	2x3 / 2x5W
Rated Voltage	DC24 / 36V; AC127 / 220V
Wide Voltage Input	AC110-277V (Optional)
Emergency Time	≥90 min; ≥3 / ≥6 / ≥8h
Emergency Luminous Flux	≥50 lm
Battery Capacity	1000 mAh
Charging Time	≤24h
Pressure Test	1500V
Cable Entry Thread	G3/4"



AE-LE-110

Explosion-Proof Sign Light

Ex db IIB T6Gb · Ex tbIIIB T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Light Source Type	LED-SMD3014
Surface Brightness	50-300 cd/m²
Emergency Time	≥90 min
Battery Capacity	350 mAh
Charging Time	≤24h
Cable Entry Thread	M25×1.5



AE-LE-111

Explosion-Proof Sign / Emergency Lights

Ex db IIB T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	≤5W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Light Source Type	LED-SMD3014
Surface Brightness	50-300 cd/m²
Emergency Time	≥90 min
Battery Capacity	350 mAh
Charging Time	≤24h
Cable Entry Thread	G3/4"



AE-LE-112

Explosion-Proof Combined Emergency Exit Light | (Dual-Head)

Ex db IIC T6Gb · Ex tbIIIC T80°C Db · IP66

Zone 1 Zone 2 Zone 21 Zone 22

Rated Power	2x5W
Rated Voltage	DC24 / 36V; AC220V
Wide Voltage Input	AC110-277V (Optional)
Light Source Type	LED-SMD3014
Surface Brightness	50-300 cd/m²
Emergency Time	≥90 min
Battery Capacity	750 mAh
Charging Time	≤24h
Cable Entry Thread	G3/4"; 3/4"NPT

21 TERMÉK

Mobil Ex világítás



AE-LM-101

Mini Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	3W
Rated Voltage	DC3.7V
Battery Capacity	2.2 Ah
Function	Glare / Working Light / Signal Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h
Charge Time	≤6h
Dimensions	φ31×135 mm
Weight	120 g



AE-LM-102

Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	1-3W
Rated Voltage	DC3.7V
Battery Capacity	2.2 Ah
Function	Strong Light / Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h
Charge Time	≤8h
Dimensions	φ34×150 mm
Weight	176 g



AE-LM-103

Multifunctional Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	1 / 3W
Rated Voltage	DC3.7V
Battery Capacity	2.2 Ah
Function	Strong Light / Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h
Charge Time	≤8h
Dimensions	φ35×155 mm
Weight	194 g



AE-LM-104

Multifunctional Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	1 / 3W
Rated Voltage	DC3.7V
Battery Capacity	2.2 Ah
Function	Glare / Working Light / Signal Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h / Twinkle Light ≥16h
Charge Time	≤8h
Dimensions	φ35×159 mm
Weight	180 g



AE-LM-105

Mini Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	3W
Rated Voltage	DC3.7V
Battery Capacity	1.9 Ah
Function	Glare / Working Light / Signal Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h
Charge Time	≤8h
Dimensions	φ23×117 mm
Weight	88 g



AE-LM-106

Strong Light Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	10W
Rated Voltage	DC3.7V
Battery Capacity	2.2 Ah
Function	Five-Speed Dimming
Light Source	LED
Work Time	Strong Light ≥6h / Work Light ≥10h
Charge Time	≤8h
Dimensions	φ48×170 mm
Weight	250 g



AE-LM-107

Strong Light Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	5W
Rated Voltage	DC3.7V
Battery Capacity	2.2 Ah
Function	Five-Speed Dimming
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h / Twinkle Light ≥16h
Charge Time	≤8h
Dimensions	φ48×200 mm
Weight	297 g



AE-LM-108

Multifunctional Explosion-Proof Flashlight

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	5W
Rated Voltage	DC3.7V
Battery Capacity	2.6 Ah
Function	Strong Light / Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h / Twinkle Light ≥16h
Charge Time	≤8h
Dimensions	φ38×160 mm
Weight	197 g



AE-LM-109

Multifunctional Explosion-Proof Work Light

Ex ib IIC T4 Gb · IP68

Zone 1 Zone 2

Rated Power	3W
Rated Voltage	DC3.7V
Battery Capacity	2.6 Ah
Function	Strong Light / Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥12h / Twinkle Light ≥16h
Charge Time	≤8h
Dimensions	φ46×50×225 mm
Weight	470 g



AE-LM-110

Portable Explosion-Proof Searchlight

Ex d ia IIC T6 Gb · IP66

Zone 1 Zone 2

Rated Power	12W
Rated Voltage	DC22.2V
Battery Capacity	2.5 Ah
Function	Search Light / Photo Light
Light Source	LED
Work Time	Strong Light ≥5h / Work Light ≥10h
Charge Time	≤6h
Dimensions	φ81×300 mm
Weight	1.5 kg



AE-LM-111

Explosion-Proof Strong Work Light

Ex ib IIC T4 Gb · IP66

Zone 1 Zone 2

Rated Power	5W
Rated Voltage	DC3.7V
Battery Capacity	4.4 Ah
Function	Glare / Working Light / Signal Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥16h / Low Light ≥20h
Charge Time	≥8h
Dimensions	φ75×165 mm
Weight	284 g



AE-LM-112

Multi Functional Explosion-Proof Strong Light

Ex ib IIC T4 Gb · IP65

Zone 1 Zone 2

Rated Power	3x3W
Rated Voltage	DC11.1V
Battery Capacity	4.4 Ah
Function	Glare / Working Light / Signal Light
Light Source	LED
Work Time	Strong Light ≥7h / Working Light ≥14h
Charge Time	≤8h
Dimensions	φ110×245 mm
Weight	1.45 kg



AE-LM-113

Portable Explosion-Proof Strong Light B

Ex ib IIC T4 Gb · IP65

Zone 1 Zone 2

Rated Power	12W
Rated Voltage	DC11.1V
Battery Capacity	5 Ah
Function	Strong Light / Working Light / Low Light
Light Source	LED
Work Time	Strong Light ≥10h / Working Light ≥24h / Flash Light ≥80h
Charge Time	≤8h
Dimensions	171×155×210 mm
Weight	1.8 kg



AE-LM-114

Portable Explosion-Proof Work Light

Exd b e b m b I I C T 6 G b · Ex t b I I C T 8 0 ° C D c · IP 6 6

Zone 1 Zone 2 Zone 22

Rated Power	30-80W
Rated Voltage	AC220V
Frequency	50/60 Hz
Function	Working Light
Light Source	LED
Work Time	Connected to the mains for long-term lighting
Power Connection	Plug-in
Dimensions	360×220×360 mm
Weight	4.8 kg



AE-LM-115

Portable Explosion-Proof Work Light

Ex db eb IIC T6 Gc · IP65

Zone 2

Rated Power	20W
Rated Voltage	DC14.4V
Battery Capacity	7.5 Ah
Function	Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Working Light ≥10h
Charge Time	≤3.5h
Dimensions	360×220×360 mm
Weight	4.8 kg



AE-LM-116

Portable Explosion-Proof Magnetic Work Light

Ex db eb IIC T6 Gc · IP65

Zone 2

Rated Power	20W
Rated Voltage	DC14.4V
Battery Capacity	7.5 Ah
Function	Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Working Light ≥10h
Charge Time	≤3.5h
Dimensions	255×167×343 mm
Weight	3.4 kg



AE-LM-117

Explosion Proof Mobile Work Light

Ex d e IIC T6 Gc · IP65

Zone 2

Rated Power	27W
Rated Voltage	DC14.8V
Battery Capacity	10 Ah
Function	Glare / Working Light
Light Source	LED
Work Time	8-20h
Charge Time	About 8h
Dimensions	φ260×210×880 mm
Weight	6.7 kg



AE-LM-118

Explosion Proof Floodlight

Ex d e IIC T6 Gc · IP65

Zone 2

Rated Power	30W
Rated Voltage	DC24V
Battery Capacity	20 Ah
Function	Glare / Working Light
Light Source	LED
Work Time	≥8h
Charge Time	About 8h
Dimensions	φ270×228×600 mm
Weight	Without pole 14 kg / Lifting pole 15.5 kg / Tripod 16.8 kg



AE-LM-119

LED Explosion-Proof Work Light

Ex d e IIC T6 Gc · IP65

Zone 2

Rated Power	40W
Rated Voltage	DC14.8V
Battery Capacity	12 Ah
Function	Glare / Working Light
Light Source	LED / HID
Work Time	≥8h
Charge Time	8-10h
Dimensions	262×252×850 mm
Weight	6.7 kg



AE-LM-120

LED Explosion-Proof Work Light

Ex d e IIC T6 Gc · IP66

Zone 2

Rated Power	9x3W
Rated Voltage	DC14.8V
Battery Capacity	10 Ah
Function	Glare / Working Light
Light Source	LED
Work Time	Strong Light ≥8h / Work Light ≥16h
Charge Time	8-10h
Dimensions	φ252×201×632 mm
Weight	6.5 kg / Lift rod 6.8 kg



AE-LM-121

LED Explosion-Proof Work Light B

Ex db eb mb IIC T6 Gb · IP66

Zone 1 Zone 2

Rated Power	50W
Rated Voltage	DC22V
Battery Capacity	10 Ah
Function	Glare / Working Light
Light Source	LED
Work Time	Strong Light $\geq 10h$ / Work Light $\geq 16h$
Dimensions	500×150×180 (shrink); 500×150×1280 (rising)
Weight	6 kg

9 TERMÉK

Ex ventilátorok



AE-EV-101

Explosion-Proof Oscillating Fan

Ex d IIB T4 Gb · IP55

Zone 1 Zone 2

Type	Pedestal / Wall-Mounted
Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Blade Diameter	500 / 600 / 750 mm
Air Flow	6600 / 9600 / 18000 m³/h
Power	0.37 / 0.55 / 0.75 kW
Speed	1450 rpm
Overall Dimensions (mm)	
FB-500	ø554×310×260 / 1500



AE-EV-102

Explosion-Proof Exhaust Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Type	Guarded / Duct
Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Blade Diameter	200 / 250 / 300 / 400 / 500 / 600 mm
Air Flow	760 / 1260 / 1380 / 2200 / 2240 / 2400 / 3900 / 4900 / 9500 m³/h
Power	0.09 / 0.105 / 0.12 / 0.15 / 0.18 / 0.25 / 0.37 kW
Speed	1450 / 2900 rpm
No. of Blades	3 / 4
Cable Entry Thread	G1/2"; G3/4"



AE-EV-103

Explosion-Proof Louvered Axial Exhaust Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Louver Material	Aluminum Alloy / Galvanized Steel
Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Blade Diameter	200 / 250 / 300 / 400 / 500 / 600 mm
Air Flow	760 / 1260 / 1380 / 2200 / 2240 / 2400 / 3900 / 4900 / 9500 m³/h
Power	0.09 / 0.105 / 0.12 / 0.15 / 0.18 / 0.25 / 0.37
Speed	1450 / 2900 rpm
No. of Blades	3 / 4
Cable Entry Thread	G1/2"; G3/4"



AE-EV-104

Explosion-Proof Axial Flow Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Type	Duct / Fixed / Portable
Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Blade Diameter	200 / 250 / 300 / 400 / 500 / 600 / 700 / 750 mm
Air Flow	960 / 1460; 1640 / 1890; 2280; 2880; 5700; 8700; 10200; 10500 m³/h
Power	0.09 / 0.12 / 0.15 / 0.18 / 0.25 / 0.37 / 0.55 / 0.75 / 1.1 / 1.5 kW
Speed	1450 / 2900 rpm
No. of Blades	3 / 4
Cable Entry Thread	G1/2"; G3/4"



AE-EV-105

Portable Explosion-Proof Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Blade Diameter	200 / 250 / 300 / 350 / 400 / 450 / 500 / 550 / 600 / 700 / 800 mm
Air Flow	1500-45870 m³/h
Power	0.12 / 0.18 / 0.25 / 0.37 / 0.55 / 0.75 / 1.1 / 1.5 / 3 / 4 kW
Speed	1450 / 2900 rpm
Total Pressure	90-800 Pa
No. of Blades	6 / 7 / 8
Cable Entry Thread	G3/4"



AE-EV-106

Portable Explosion-Proof Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Rated Voltage	AC 110 / 220 / 380V
Frequency	50 Hz (60 Hz Optional)
Impeller Diameter	190 / 240 / 290 / 340 / 390 / 490 mm
Air Flow	1500-10000 m³/h
Power	0.15 / 0.25 / 0.37 / 0.55 / 0.75 / 0.9 kW
Speed	1450 / 2800 rpm
Total Pressure	185-800 Pa
Cable Entry Thread	G3/4" * 5m Ventilation Duct Parameters Length can be customized
Specifications	φ260 / φ290 mm



AE-EV-107

Explosion-Proof Axial Flow Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Blade Angle	30°
Air Flow	1605-53279 m³/h
Power	0.18 / 0.25 / 0.37 / 0.55 / 0.75 / 1.1 / 1.5 / 2.2 / 3 / 4 / 7.5 kW
Speed	960 / 1450 / 2900 rpm
Total Pressure	60-474 Pa
Noise	62-88 dBA
No. of Blades	4



AE-EV-108

Explosion-Proof Corrosion-Proof Axial Flow Fan

Ex d IIB T4 Gb · IP54

Zone 1 Zone 2

Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Impeller Diameter	273 / 308 / 348 / 400 / 450 / 500 / 560 / 630 mm
Blade Angle	30°
Air Flow	1605-48326 m³/h
Power	0.18 / 0.25 / 0.37 / 0.55 / 0.75 / 1.1 / 1.5 / 2.2 / 3 / 4 kW
Speed	960 / 1450 / 2900 rpm
Total Pressure	60-474 Pa
Noise	62-86 dBA



AE-EV-109

Pneumatic Explosion-Proof Portable Fan

Ex d IIB T4 Gb · IP66

Zone 1 Zone 2

Rated Voltage	AC220 / 380V
Frequency	50 Hz (60 Hz Optional)
Impeller Diameter	300 / 400 / 500 / 600 / 700 mm
Air Consumption	1 / 2.2 m³/min
Air Flow	3600 / 6800 / 8800 / 14800 / 17800 m³/h
Speed	1200 / 1300 / 1500 / 2200 / 3000 rpm
Air Usage Pressure	0.7 MPa
Noise	63 / 73 / 75 dBA
Ambient Temperature	-15~35 °C

KAPCSOLAT

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A műszaki adatok angol nyelvűek, az ipari gyakorlatnak megfelelően. Az adatok tájékoztató jellegűek, a műszaki változtatás jogát fenntartjuk.