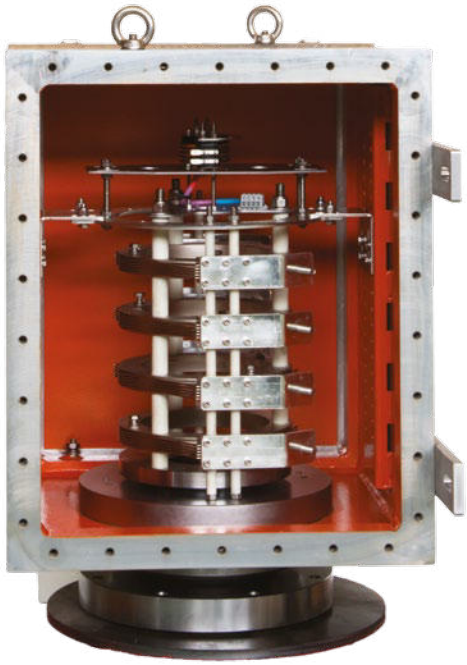
PEGASUS EX PROOF

HAZARDOUS AREAS
Slip ring collector



Slip ring collector for potentially explosive areas, designed to transfer current from a fixed supply point to a rotating structure, transmitting power and control signals, both analogue and digital, to mobile units. Thanks to the high degree of customization, it is used in a variety of industrial sectors where risk of explosion is feasible (Zone 1 and 2).

FEATURES

- Suitable for combination of power and signal applications (Profinet, Profibus, CAN bus).
- High quality materials and components ensure reliability and durability, shock and wear resistance and they guarantee protection of the unit against water, dust and oils.
- IP protection degree: Pegasus Ex Proof is classified IP 65 / IP 66.
- Extreme temperature resistance: from -40°C to +60°C.

OPTIONS

- Combination of power and signals available.
- High degree of customization thanks to a fully modular construction system.

CERTIFICATIONS

- CE marking.
- Atex Directive 2014/34/UE.
- Conformity to Atex Standards EN 60079-0:2012, EN 60079-1:2014 , EN 60079-14.
- Certification CY 19 Atex 0206266 X-type, CY 19 Atex 0206265 X-type.
- COC IECEX SCHEME.

Fill in the "request form" for accurate product configuration.

Pegasus Ex Proof 150A

Pegasus Ex Proof 638A

CERTIFICATIONS

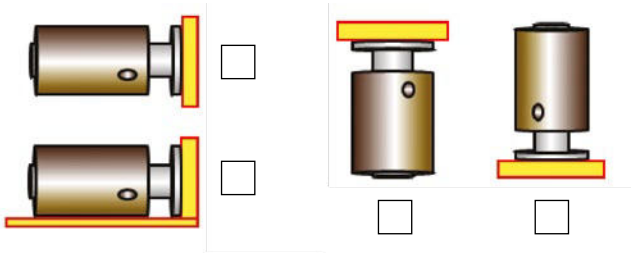
Conformity to Atex Directives	2014/34/UE, Annex VIII. Directive on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast
Conformity to Atex Standards	EN 60079-0:2012 Explosive atmospheres - Equipment - General requirements
	EN 60079-1:2014 Explosive atmospheres - Equipment protection by flameproof enclosures “d”
	EN 60079-14 Explosive atmospheres - Part 14: Electrical installations design, selection and erection
Marking	II 2G Ex db IIB T5 Gb Tamb (-40+60C°)
Atex Certification	CY 19 Atex 0206266 X-type, CY 19 Atex 0206265 X-type
IECEx Certification	COC IECEX SCHEME
Markings and homologations	CE Ex IECEx

TECHNICAL SPECIFICATIONS

Series	**Pegasus Ex Proof 150A**	**Pegasus Ex Proof 638A**
Ambient temperature	-40°C/+60°C	
IP protection degree	IP 65 / IP 66	
Rated operational current	Up to 150 A	Up to 638 A
Rated operational voltage	Up to 1000 Vac	Up to 6000 Vac

PEGASUS EX PROOF - REQUEST FORM FOR SLIP RING COLLECTOR

Installation



Rings

Ground	Ampère	Volt	mm²	Mat.**
N. of rings				
N. of rings				
N. of rings				

Power	Ampère	Volt	mm²	Mat.**
N. of rings				
N. of rings				
N. of rings				
N. of rings				
N. of rings				
N. of rings				

Signals	Ampère	Volt	mm²	Bus*	Mat.**
N. of rings					
N. of rings					
N. of rings					
N. of rings					

Total rings _____ (Ground+Power)

Fluids

1 ø in _____ ø out _____ P _____ Fluid _____

2 ø in _____ ø out _____ P _____ Fluid _____

3 ø in _____ ø out _____ P _____ Fluid _____

4 ø in _____ ø out _____ P _____ Fluid _____

Atex protection

Options, requests

Specifications

Rotation Continous ☐ Intermittent ☐ Static use ☐

Rotating part Rings ☐ Brushes ☐

Max. rotation speed _____ (rpm)

Duty cycle _____

IP degree _____

Operational temperature °C from \ to _____

Storage temperature °C from \to _____

Inner diameter Blind ☐ Through Ø mm ☐

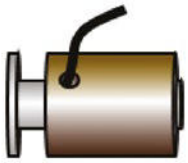
Anticondensation resistance ☐

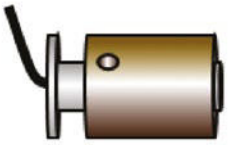
Wiring

Terminal board only, no cables Yes ☐ No ☐

Supplied with cables Yes ☐ No ☐

If YES, fill in the following section





☐ **Brushes side** or ☐ **Rings side**

Brushes side		Rings side
_____ (m)	**Cables lenght**	_____ (m)
_____ (m)	**Sheath**	_____ (m)

UL cables Yes ☐ No ☐

Connections

Rings directly ☐ Terminal board ☐ Connectors ☐

Additional data

Quantity _____

Quantity per year _____

Remarks

* Bus
50) Ethernet 51) Profibus 52) Profinet
53) CANBus 54) CANOpen

** Ring | Brush material
01) BZ 02) Au 03) Ag 04) BZ-Ag
20) Metal Graphite 21) Ag-Graphite

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REMARKS