

Q.CRODILE X PL115-KAIMAN GROUNDING CLAMP SINGLE-POLE

Zones 0, 1, 2, 20, 21, 22

Full catalogue available on our website: www.inpratex.com

ATEX GROUNDING CLAMPS

ZONES 0, 1, 2 (gas) & 20, 21, 22 (dust)

The Q.Crodile X PL115-KAIMAN grounding clamp is the all-round solution for all demanding working environments. Thanks to the built-in spring and hardened tips, they achieve the greatest possible biting force to safely penetrate layers of paint, coarse dirt and layers of rust.

Thanks to the very large opening angle, the grounding clamp can be used for almost all applications (large unpainted containers and barrels, tank lorries, rail tank wagons, silo vehicles, containers). When the grounding clamp is not in use, the stainless steel teeth are protected by the plastic spacers.



EU-Type Examination Certificate



These grounding clamps are especially made for discharging electrostatic charge from potentially endangered system parts. Sharp stainless steel teeth get through insulating layers such as paint, rust, dirt and grease thanks to the high pressure of the spring. In this way an effective “metal-to-metal” connection can be created and a safe grounding guaranteed.

Advantages:

- Metal parts made of stainless steel
- High contact pressure of the pliers due to strong spring
- Stainless steel teeth turned to 60° and therefore particularly sharp
- Safe handling with work gloves
- Hardened stainless steel teeth for a long service life

ITEM REFERENCES

Designation:	Item No.:
Q.Crodile X PL115-KAIMAN wsr (with strain relief)	6D0660R
Q.Crodile X PL115-KAIMAN wosr (without strain relief)	6D0661R

TECHNICAL SPECIFICATIONS

Marking:	II 1G Ex h IIC T6 Gb II 1D Ex h IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Material:	Stainless steel 1.4301
Side length:	150 mm
Opening angle:	45 mm
Connection type:	Single-pole via tubular cable lug M8 (max. 10 mm ²)
Stainless steel teeth:	Hardened, 2 pieces (mounted opposite each other))

GROUNDING SPIRAL CABLE, STEEL CORE - SINGLE-POLE

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ATEX GROUNDING



For use in hazardous areas according to EN 60079-14.

The single-pole, silicone-free steel core grounding spiral cables offer superior mechanical strength. The steel core used can withstand continuous daily use and its cable sheath is extremely resistant to acids, alkalis, mineral oils, grease and other chemicals. In contrast to conventional copper cables, the stranded steel wire does not break due to continuous daily use.

A visual inspection is sufficient if the outer sheath is undamaged and the ring cable lug is firmly attached.

As the spiral cables fulfil all the requirements of the DIN EN 60079-0 and DIN EN 60079-14 standards, they may be used in potentially explosive atmospheres.

Advantages:

- Steel core for superior mechanical strength
- Cable sheath is resistant to acids, alkalis, mineral oils, fats and other chemicals
- Free from silicones
- Customised production of special lengths



ITEM REFERENCES

Designation:	Cable colour:	Core:	Block length:	Item No.:
1m straight cable	Green	4 mm ² steel-core	By the metre	A179008R
3m spiral cable	Green	4 mm ² steel-core	160 mm	A173019R
5m spiral cable	Green	4 mm ² steel-core	260 mm	A173020R
10m spiral cable	Green	4 mm ² steel-core	600 mm	A173021R
1m straight cable	Green/Yellow	4 mm ² steel-core	By the metre	A173010R
3m spiral cable	Green/Yellow	4 mm ² steel-core	160 mm	A173022R
5m spiral cable	Green/Yellow	4 mm ² steel-core	260 mm	A173023R
10m spiral cable	Green/Yellow	4 mm ² steel-core	600 mm	A173024R

TECHNICAL SPECIFICATIONS

Cable type:	ST-Li2Y
Cable colour:	Green or Green / Yellow
Cross section:	4 mm ²
Core type:	Steel core
Ambient temperature:	-40°C...+80°C

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CONTROL & CONNECTION EQUIPMENT

GROUNDING SPIRAL CABLE, COPPER CORE - SINGLE-POLE

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CONTROL & CONNECTION EQUIPMENT

ATEX GROUNDING

The single-pole copper spiral cables are characterised by their extremely high flexibility. The copper core used consists of 226 individual copper strands, which minimise the risk of cable breakage. Their cable sheath provides adequate protection against acids, alkalis, mineral oils, greases and other chemicals.

The spiral cables fulfil all requirements of the standards DIN EN 60079-0 and DIN EN 60079-14 and may therefore be used in potentially explosive atmospheres. The spiral cables are silicone-free.

Advantages:

- Copper core for extremely high flexibility
- Cable sheath is resistant to acids, alkalis, mineral oils, fats and other chemicals
- Free from silicones
- Customised production of special lengths



For use in hazardous areas according to EN 60079-14.

ITEM REFERENCES

Designation:	Cable colour:	Cross section:	Block length:	Item No.:
1m straight cable	Green/Yellow	4 mm ²	By the metre	A179010R
1m spiral cable	Green/Yellow	4 mm ²	100 mm	A416106R
3m spiral cable	Green/Yellow	4 mm ²	600 mm	A416123R
5m spiral cable	Green/Yellow	4 mm ²	1000 mm	A416107R
10m spiral cable	Green/Yellow	4 mm ²	2000 mm	A416108R
1m spiral cable	Green/Yellow	2,5 mm ² (according to TRGS 727)	100 mm	A179013R
3m spiral cable	Green/Yellow	2,5 mm ² (according to TRGS 727)	600 mm	A416332R
5m spiral cable	Green/Yellow	2,5 mm ² (according to TRGS 727)	1000 mm	A416333R

TECHNICAL SPECIFICATIONS

Cable type:	LIF11Y11Y, 226x0,15mm
Cable colour:	Green / Yellow
Cross section:	4 mm ² / 2,5 mm ²
Core type:	Copper
Ambient temperature:	-40°C...+80°C