



Exploring the Unknown

Extended Product Range

KonNx UK is dedicated to providing the industry with electrical cable couplers that are reliable, durable, and above all, safe, a commitment shown through our passion for product design and innovation. Increased site safety and efficiency, downtime reduction, and increased cost savings is something we endeavour to provide on a global scale. As such, KonNx UK offers a wide range of flameproof stainless steel products in high and low voltage ratings that are more commonly used in operational sites around the world.

Stainless Steel Restrained Ranges

PES Range

660 - 1,100V | 60A & 90A



PS Range

660 - 1,100V | 150A



PL Range

660 - 3,300V | 300A & 425A



PSZA Range

1,100V | 250A



PLZA Range

1,100V | 425A



A small and reliable low voltage range suitable for use in mining, tunnelling, and commercial applications, including Group 1 hazardous environments, these plugs and receptacles can also be utilised in open-cut and metalliferous sites if a higher level of durability is desired or required.

Plugs within this restrained range can also be repaired on-site, even in underground environments, without the need for off-site repairs or replacement of the entire plug. For PS, PL, PSZA and PLZA plugs, simply slip off and replace the flameproof body casting. For PES plugs, just replace the flameproof barrel.

PSZA and PLZA plugs and receptacles have been designed specifically for use in operational sites in South Africa. Available release options for the PSZA and PLZA ranges include the Jack-In (Screw) Release, Quick Release, and the Ratchet Release, which is exclusive to KonNx UK and its sister companies.

KonNx UK

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Stainless Steel High Voltage Couplers

Ex118BSS Coupler

11,000V | 800A



Ex118BSSRF Coupler

11,000V | 800A



Ex126BSS Coupler

12,000V | 400A



Products from our high voltage stainless steel range have been in production for nearly 30 years, and are Ex-certified and suitable for use in underground mining, underground operational sites, and Group 1 hazardous locations. While the Ex118BSS and Ex118BSSRF are primarily used in and around Australia and the Asia Pacific, the Ex126BSS is exclusive to operational industries in and around South Africa, designed to meet their operational standards.

The design of the Ex118BSS allows for this coupler to have its gland tensioned at any time, without the need to remove components. It also features an ingress protection rating of IP66, and is more resistant to damage on its flamepaths.

Released in 2015, should damage to the flamepath of the Ex118BSSRF occur, replacement of its Removable Flange can be done on-site, even underground, by simply removing four countersunk screws, assisting in the reduction of operational downtime and associated maintenance costs. No specialised training or cable termination is required.

Flameproof certified (SANS 1489), the Ex126BSS has an excellent track record in African underground coal mines. Featuring a rugged and compact design, the Ex126BSS has been developed and tested to SANS 1489 Part 1 and 4 and to SANS 60079 Part 0 and 1, with lightning impulse tests conducted on the Ex126BSS achieving a 95kV result.

If you are interested in more information regarding these products, such as technical manuals and test reports, as well as information on our Fibre Optics range, do not hesitate to get in touch. Should your site be located overseas, support, product accessibility and supply chain stability is also available through our sister companies in Australia, South Africa, USA, and Chile.

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