NEUTRIK powerCON XX Series





NEUTRIK has introduced the new powerCON XX series of single-phase (3 conductor) lockable, rugged power connectors with Circuit Breaking Capability, certified to comply with the latest relevant worldwide device safety regulations for mains supply connectors.

powerCON XX further extends NEUTRIK’s unique position as the only supplier of fully 60320-1 compliant indoor and outdoor power connectors covering the range of 6 to 16mm cable O.D. and wire gauges of AWG12 to AWG16, respectively 2.5mm2 to 1.5mm2; with variants NAC3FXXA/B-W-S supporting cables of 6 to 12mm, and NAC3FXXA/B-W-L supporting 10 to 16mm diameter cables.

The connectors blue power-in and grey power-out colour coding is coupled with discrete power-in and power-out keying to prevent the intermating of power cables. The simple, reliable twist locking system works together with NEUTRIK’s unique locking bushing and strain relief features to provide an exceptionally robust interconnect; wherein dual component bushing additionally improves cable kink protection.

Together with NEUTRIK’s general standards of high quality, robust and reliable construction, these features provide for an exceptionally rugged connector component, with an ergonomic design that features a slip-proof two-compound molded housing that is easy to assemble, with the strain relief mechanically locking with the insert to align with the housing.

powerCON XX connectors are fully compliant with latest device standards, such as IEC62368-1, IEC60799 or UL817, in the EU, UK, US and Canada, and meet relevant global safety regulations for mains power connectors in accordance with

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IEC/EN/UL/CSA 60320-1, relating to true breaking CBC functionality. Certification to IEC/EN/UL/CSA 60320-1 assures powerCON XX as components for cord sets according to IEC 60799 and UL817 (when used in combination with NEUTRIK NAC3MPXXA and NAC3MPXXB receptacles), as well as for other equipment according to IEC 62368-1.

Commenting on the introduction of the new powerCON XX series connectors, Neutrik Head of Marketing Communication, Stefan Frick says, “With the launch of powerCON XX series, NEUTRIK underpins it’s status as the leading connector manufacturer in the entertainment industry, being the first and only manufacturer offering fully IEC/UL60320-1 certified mains power connector products.”

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