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Confirmation of Short-Circuit Withstand Capability | U-clamp with hammerhead foot (MZ108)

We hereby confirm that the clamp clips with hammerhead foot and plastic pressure trough (MZ108) comply with the short-circuit withstand requirements as specified in section 9.5 of IEC 61914:2021.

The tested arrangement is capable of withstanding a short circuit with the values/characteristics defined by the manufacturer:

Peak short-circuit current: 40 kA
Duration of short-circuit current: 100 ms
Diameter of the applied cables: 34.5 mm
Arrangement of the cables: flat
Cable center spacing: 100 mm
Linear spacing of the clips: 300 mm

The test was carried out using the clamp clip MZ108 28-34. Due to the structure of the aforementioned standard, the test performed with the cable defined above also applies to other sizes within the product portfolio that are used for different cable diameters in the same arrangement.

Best regards



Julius Butzek
Product Manager