



MRSP Splice TECHNICAL DATASHEET

Edition	Restyling
Feed	Left-side feed
Feed system	Pneumatic
Working height	135.8 ±0.02 mm (5.35 in)
Stroke	30 / 40 mm (1.18 / 1.57 in)
Cable cross-section	Max 10 mm ² (7 AWG)
Terminal pitch	Max 38 mm (1.5 in)
Terminal thickness	Max 1.2 mm (0.047 in)
Height regulation system	Continuously adjustable ring
Adjustment range	2.7 mm (0.106 in)
Resolution	0.01 mm (0.00039 in)
Feed speed adjustment	Pneumatic flow regulator
Weight	5.3 Kg (11.7 lb)
Dimensions [LxPxH]	250 x 150 x 120 mm (9.8 x 5.9 x 4.7 in)
Operating pressure	6 Bar (87 psi)
Air consumption	0.04 NI/cycle
Compatibility with Mecal Crimping machines	P107c – P020i – P040 – P040i – P080 – P080i

DESCRIPTION

MRSP Splice applicators are designed for crimping splice terminals and for joining two or more conductors. They can be used with wires of different cross-sections, up to a maximum of 10 mm² (7 AWG), and with terminals featuring material thickness up to 1.2 mm (0.047 in) and a maximum pitch of 10 mm (0.39 in).

The applicator body is made of cast iron and features a configuration specifically developed for splice terminal processing. The crimping dies are mounted on the front section of the applicator ram, ensuring high accessibility and easy replacement of wear parts.

Crimp height adjustment is performed via a stepless adjustment ring, offering a resolution of 0.01 mm (0.0004 in) and an adjustment range of 2.7 mm (0.106 in). The MRSP Splice model is equipped with a pneumatic feeding slide for reel-mounted splice terminals, with feed direction from left to right.

The applicator includes a non-resettable seven-digit counter for tracking the total number of crimping cycles and supporting maintenance and inspection planning of wear components.

The product is supplied with digital documentation available for download from a dedicated cloud platform, including the instruction manual, technical datasheet (model, serial number and measured test values), bill of materials, exploded view drawing and certifications.

Upon request, an in-depth crimping analysis can be provided, including capability tests and micrographs of crimped terminal cross-sections. All documentation can also be supplied in printed format together with the applicator.