

## Application example Compacting the end of high-flex cables

<image/> <image/> PLASTIC WELDINGQUITINGCLENINGSCREENINGImage: Constraint of the state of					
A high-flex cable with a 35 mm <sup>2</sup> cross-section needs to be reliably compacted at the end. In future applications, other cross-sections and other types of high-flex cable also need to be welded together as terminal and connecting nodes. The electrical contact resistance needs to be as low as possible. Solution When welding metals, ultrasonic technology guarantees the lowest possible electrical contact resistance. The TS3 Telso*Splice system can reliably compact cable ends or weld nodes with a total cross-section of 40 mm <sup>2</sup> . When compacting ends or welding terminal nodes, the optional adjustable wire stop makes sure the wires are inserted to the right depth. Configuration advantages Thanks to the universal TS3 Telso*Splice wire splicing system, you can compact wires and produce terminal and connecting nodes with ease. Users can choose from a range of welding and trigger modes. The controller includes a wide array of process control options, enabling you to monitor quality. The Node Editor enables you to program all configurations with ease on the convenient touch-	PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
	<image/>	Image: Second	Task high-flex cable with a sompacted at the end. In nd other types of high-f s terminal and connectine eeds to be as low as portional of the welding metals, up owest possible electrical ystem can reliably comp ross-section of 40 mm <sup>2</sup> . I al nodes, the optional a re inserted to the right of <b>Configuration advantage</b> hanks to the universal T an compact wires and p with ease. Users can cho nodes. The controller ind ions, enabling you to me o program all configurated	35 mm <sup>2</sup> cross-section in future applications, of ilex cable also need to ing nodes. The electric ssible. trasonic technology g contact resistance. The act cable ends or wel When compacting er djustable wire stop me depth. <b>ges</b> S3 Telso®Splice wire sporoduce terminal and ose from a range of v cludes a wide array of ponitor quality. The No	needs to be reliably other cross-sections be welded together cal contact resistance uarantees the ne TS3 Telso®Splice d nodes with a total nods or welding termi- nakes sure the wires blicing system, you connecting nodes velding and trigger process control op- de Editor enables you

The application was produced on a 3.6 kW TS3 Telso<sup>®</sup>Splice wire splicing system with a wire stop.

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