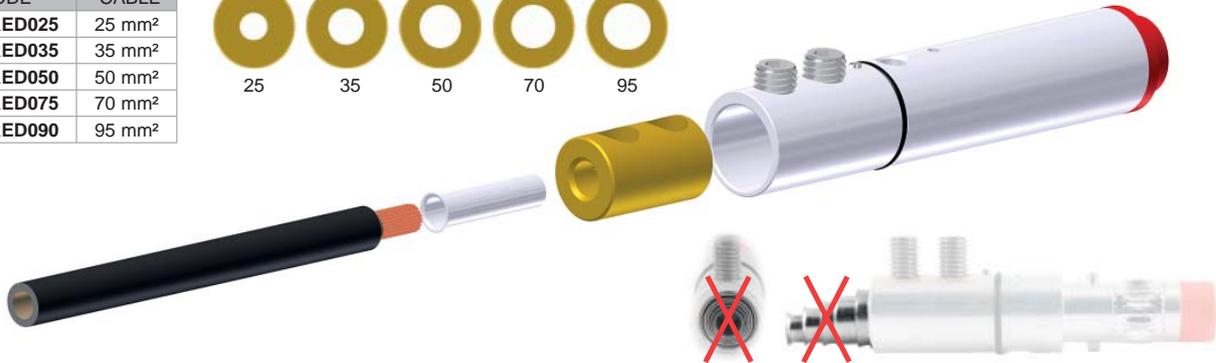


## Sleeve adapter for set screw contacts

The ultimate solution for 25 to 95 mm<sup>2</sup> cables  
Simple. Logical. Reliable.

CODE	CABLE
SPX-RED025	25 mm <sup>2</sup>
SPX-RED035	35 mm <sup>2</sup>
SPX-RED050	50 mm <sup>2</sup>
SPX-RED075	70 mm <sup>2</sup>
SPX-RED090	95 mm <sup>2</sup>



The PowerSyntax Sleeve Adapter is a unique mechanical solution for ideal cable retention when a PowerSyntax with set screw contact is used with cable sections of 95 mm<sup>2</sup> or smaller.

On other connectors commonly found on the market, multiple concentric sleeves are used to reduce the cable section from 150 or 120 mm<sup>2</sup> down to the smaller section specifically needed, with as many as 4 or 5 concentric sleeves required in case of 35 or 25 mm<sup>2</sup> sections. The thoughtful design and the mechanical reliability of the PowerSyntax sleeve adapter eliminates the need to use multiple concentric sleeves.

On the adapter, two through holes allow that set screws of a length suitable for a specific sleeve size are used, so that the compression is directly on the sleeve/cable, with no others sleeves in between. The adapter is available in different versions, each with a housing where a single reduction sleeve of the needed size is fitted.

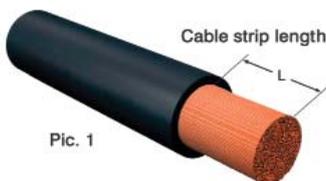
## Cable stripping and retention



On set-screw contacts (up to 480amp power and 150 mm<sup>2</sup> cable sections), the cable is inserted into the set-screw terminal with the suitable reduction sleeve. Reduction sleeves are available for 25, 35, 50, 70, 95, 120 and 150 mm<sup>2</sup>. For all sleeve sizes, the stripping length is 33 mm (Pic. 1).



On crimp contacts (up to 750amp copper / 480amp bimetal, and up to up to 300 mm<sup>2</sup> cable sections), the position and number of cable compressions vary according to the different cable sections (see table below). Cable stripping length is 42 mm (Pic. 1).



Cable section	SET SCREW / REDUCTION SLEEVE	CRIMP		
	from 25 to 150 mm <sup>2</sup>	185 mm <sup>2</sup>	240 mm <sup>2</sup>	300 mm <sup>2</sup>
Cable strip length L - Pic.1	33 mm	42 mm	42 mm	42 mm
Tightening torque	12 Nm	-	-	-
Number of compressions	-	2	3	3
Hand operated hydraulic crimp tool	-	HPI130-C	HPI130-C	HPI130-C
Cordless hydraulic crimp tool	-	B1350-C	B1350-C	B1350-C
Crimp die set	-	ME 37-C	ME 48-C	ME 60-C

