

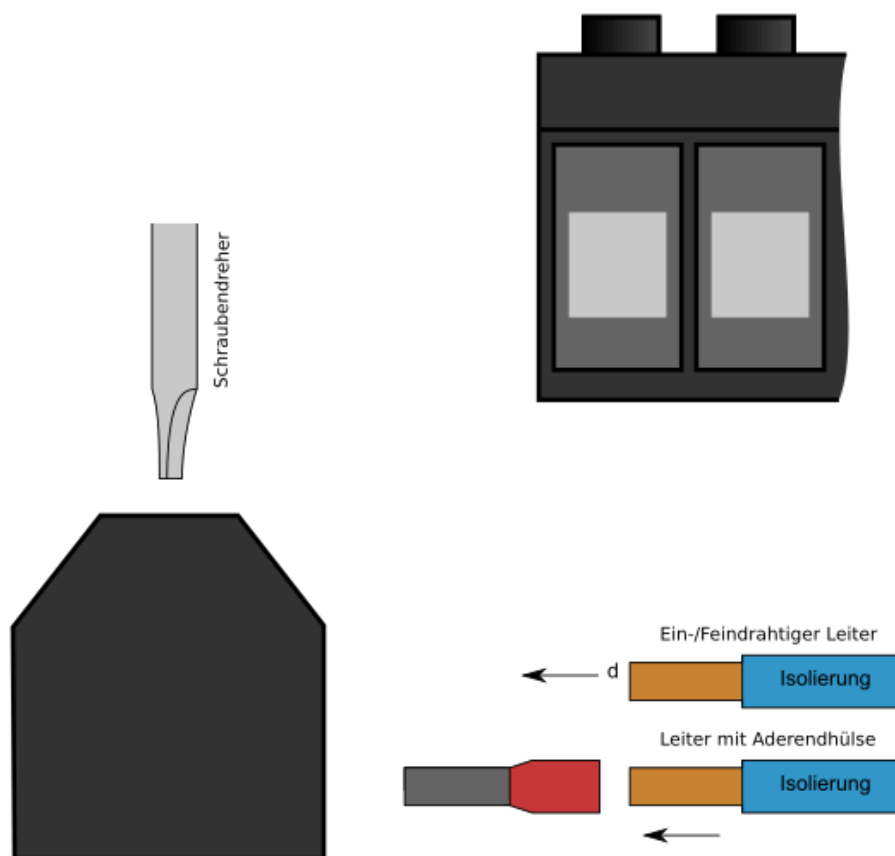


In order to operate at rated current, the cross section of the connection cable shall be designed in accordance to national valid standards.  
 For nominal values of the device, the maximum possible diameters of the connectors shall be used.  
 The cable length shall be at least 20cm.

## Processing of screw connectors of Weidmueller LU 10.16

The controllers use the connectors with screw technology for the power side

The following figure shows, which cross-sections can be used with the connector:



Terminal	Name	Clamping range (cross section d) mm <sup>2</sup>				Stripping length mm
		solid H05(07)V-U	flexible H05(07)V-K	flexible w.wire end ferrule	flexible w.plastic collar ferrule	
X1	LU 10.16	0,5 ... 16	0,5 ... 16	2,5 ... 10	2,5 ... 10	12



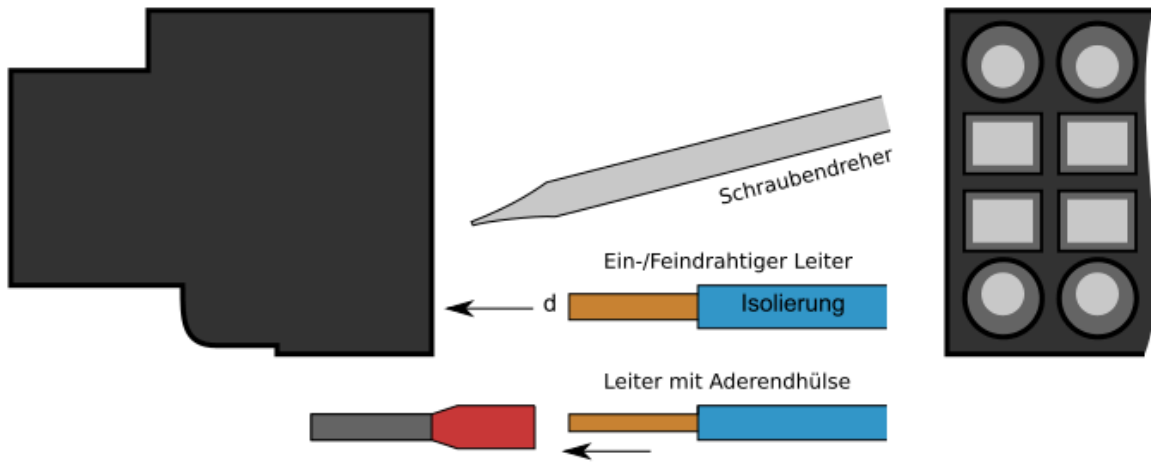
Tighten with torque of at least 10.6 up to 17.2 lbf in.

For more information, visit [www.weidmueller.com](http://www.weidmueller.com).

## Processing of tension clamp connection of Weidmueller B2L 3.5

The controllers use the connectors with tension clamp for flexible conductors

The following figure shows, which cross-sections can be used with the connector:



Terminal	Name / Art.-Nr.	Max current	Clamping range (cross section d) mm <sup>2</sup>				Stripping length mm
			solid H05(07)V-U	flexible H05(07)V-K	flexible w.wire end ferrule	flexible w.plastic collar ferrule	
X2	B2L 3.5/14 1727680000	8.9	0.2 ... 1	0.2 ... 1	0.13 ... 0.34	0.13 ... 0.34	7
X3	B2L 3.5/12 1727670000	8.9	0.2 ... 1	0.2 ... 1	0.13 ... 0.34	0.13 ... 0.34	7
X4	B2L 3.5/6 1727640000	8.9	0.2 ... 1	0.2 ... 1	0.14 ... 0.34	0.14 ... 0.34	10



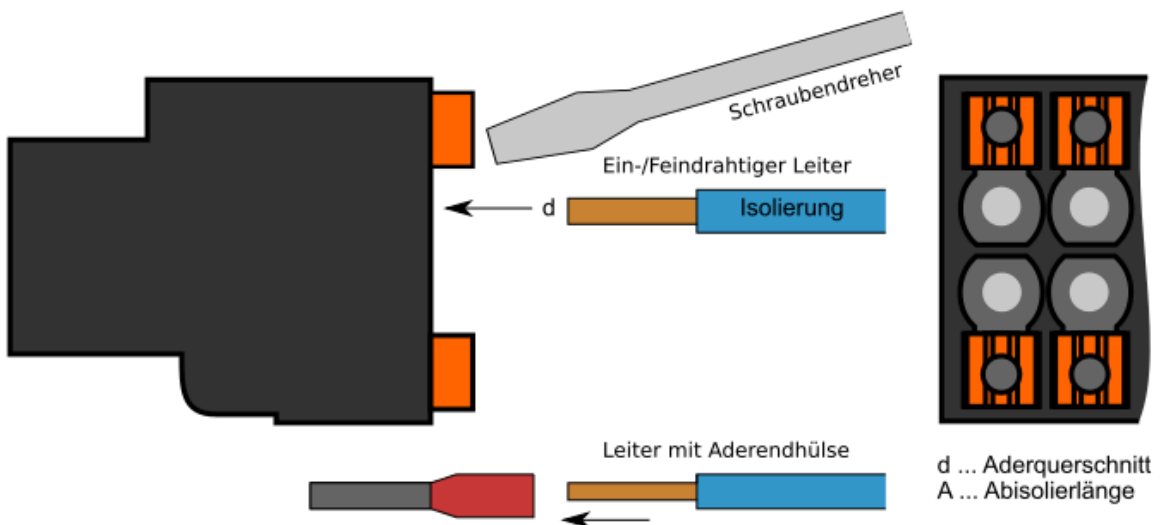
Make sure that the stripping length of wire is correct and the insulation is not clamped.

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### Processing of tension clamp connection of Weidmueller B2CF 3.5

The controllers use the connectors with tension clamp for flexible conductors

The following figure shows, which cross-sections can be used with the connector:



Terminal	Name / Art.-Nr.	Max current	Clamping range (cross section d) mm <sup>2</sup>				Stripping length mm
			solid H05(07)V-U	flexible H05(07)V-K	flexible w.wire end ferrule	flexible w.plastic collar ferrule	
X5	B2CF 3.5/14/180F 1277910000	10 A	0.14 ... 1.5	0.14 ... 1.5	0.14 ... 1.5	0.14 ... 1	10



Make sure that the stripping length of wire is correct and the insulation is not clamped.

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