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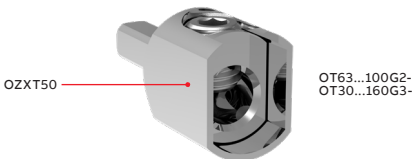
abb.com/lowvoltage

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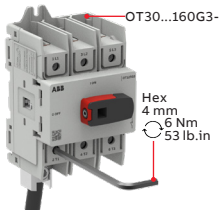
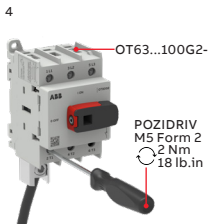
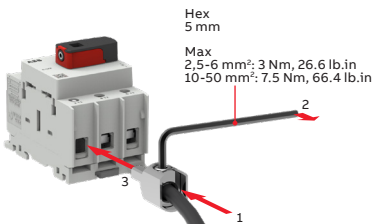
34OZXT50 rev. A / 1SCC390195M0201 # 14.6.2024



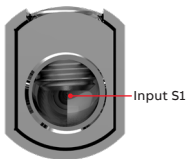
OT Plus Terminal lugs OZXT50



Install



Input S1



Pre-round the cable



OZXT50

Conductor types IEC 60228	Screw type	Stripping length S1 input	Tightening torque
Class 5-Flexible	SW5 / HEX5		 2,5-6 mm ² : 3 Nm, 26.6 lb.in 10-50 mm ² : 7.5 Nm, 66.4 lb.in
Class 2-Stranded			
Class 6-Very flexible with ferrule			
Class 1-Solid			

Cross-section of conductors and numbers of conductors/space

Un 690V	In	2,5 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²
Cu	80 A	3	3	3	3	2	1	1
Al	75 A				1	1	1	1



Note!

It is allowed to use max. amount of three adjacent cross-sections in one space. (Copper conductors). The nominal max. cross-section value must not be exceeded. When using aluminum conductors, it is allowed to use only one conductor / space. With the aluminum conductors, it is recommended to use anti-corrosion paste. (e.g. Penetrox).