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Note	Application Notes • Improved crimping for higher conductor retention • Crimping can be performed from either side (for left- or right-handed users). • Built-in ratchet mechanism ensures gas-tight crimp connection. • Crimping tools open automatically after crimping operation is complete. • Ergonomically designed handles. Improved crimping for higher conductor retention. Conductor and ferrule insertion possible from both sides (for left- and right-handers). Built-in ratchet mechanism ensures gas-tight crimp connection. Crimping tools open automatically after crimping operation is complete. Ergonomically designed handles. What is a "gas-tight" connection? In a gas-tight connection, the conductor and the ferrule are compressed, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor gaseous medium can penetrate the crimped connection. Oxidation between crimped single conductors is prevented, virtually eliminating the possibility of any increase in the crimped connection's resistance. In some exceptional cases, minute, isolated spaces may be present. However, these instances can be considered as closed off due to the twisted conductor. Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain, permitting oxidation formation and an increase in contact resistance. Elevated resistance is detrimental for both signal transmission (signal flow is damped) and power transmission, resulting in power loss and contact heating (risk of fire). Crimping tools with built-in ratchets are recommended (e.g., WAGO Crimping Tools). These tools open automatically after the crimping operation is complete. Space-saving crimping from all four sides is ideal for spring clamp termination. Ferruled conductor cross-sections specified for WAGO products are based on this crimping method.

Technical data	
Main product function	Crimping tool

Material data	
Fire load	0 MJ
Weight	565 g

Commercial data

PU (SPU)	1 Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4055143868730
Customs tariff number VKOrg Germany	8203200000

Installation notes

Squeeze handles until ratchet mechanism is released.