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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.

Physical data	
Width	80 mm / 3.15 inches
Depth	270 mm / 10.63 inches

Material data	
Fire load	0 MJ
Weight	565 g



Commercial data		
ETIM 8.0		EC000168
ETIM 7.0		EC000168
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		DE
GTIN		4055143868730
Customs tariff number		82032000000

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

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Installation Notes



Squeeze handles until ratchet mechanism is released.