

Workplace Solutions

POWERCRIMPER VARIO

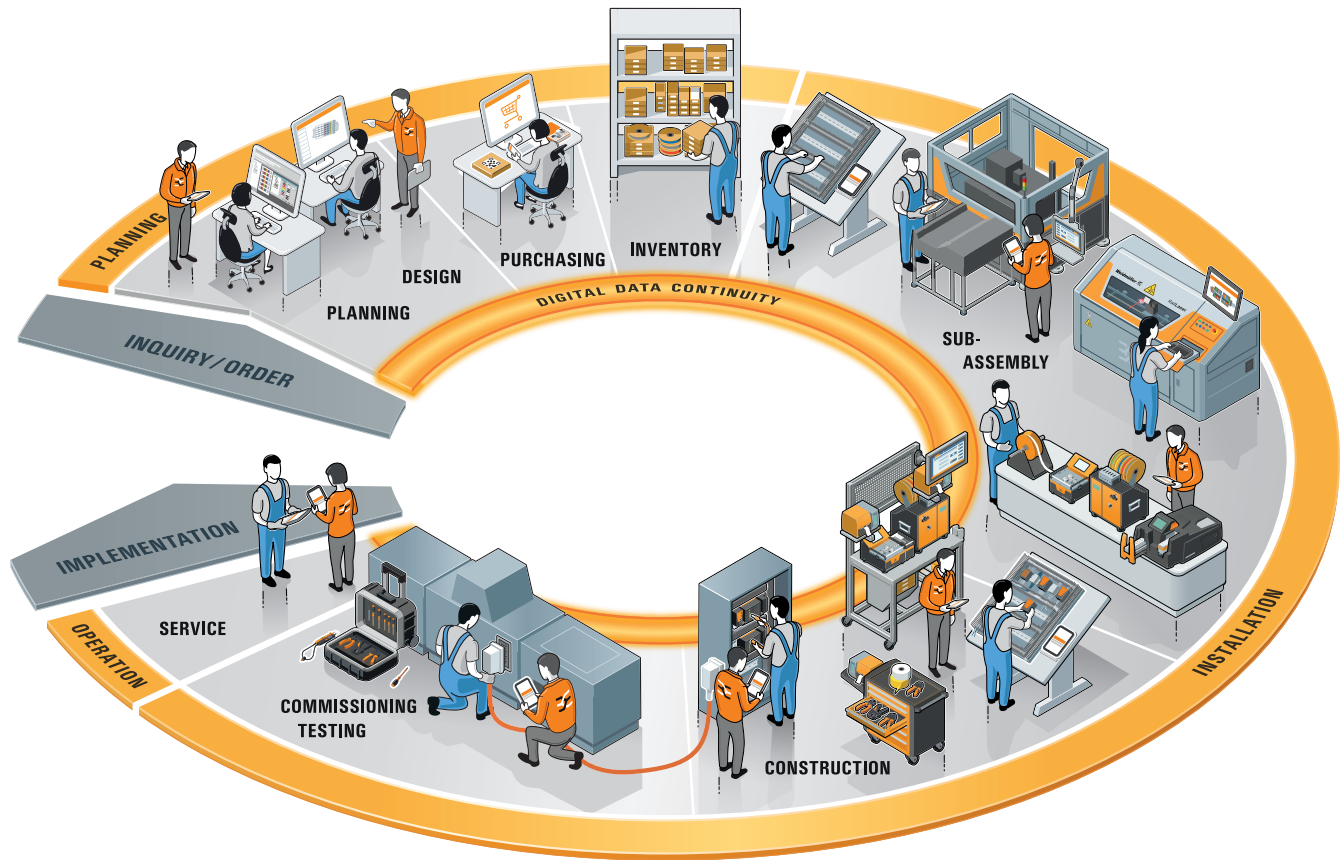
Automatic crimping machine for high process security



Weidmüller 

Workplace Solutions

Practical advantages for optimized work processes



Professional high-performance machines increase efficiency due to automatic processing

When it comes to high-process safety and efficiency in crimping, choosing the right equipment is crucial. The POWERCRIMPER VARIO and the POWERSTRIPPER 6.0 are two standout automated machines designed to enhance the crimping and stripping process, particularly in demanding applications like cabinet building.

In this comparison, we'll explore how the POWERCRIMPER VARIO offers flexible and reliable crimping through its all-electric operation, intuitive handling and high level of service friendliness. We'll also examine the POWERSTRIPPER 6.0, which complements the crimping process by providing efficient, automatic stripping for a wide range of wire sizes and types.

We'll delve into the features, advantages and specific use cases of each tool to help you make an informed decision that meets your crimping and stripping needs. Whether you're focused on safety, efficiency or ease of use, this comparison will highlight the key factors to consider.



More information on our website:
www.weidmuller.com/automatic-machines

Automatic Crimper for High-Process Safety

Safe, flexible, electrical – easy crimping for consumables



With the use of hand tools and an increasing number of crimps, these connections are among the more demanding applications. Our professional high-performance machines succeed, thanks to their excellent efficiency.

The POWERCRIMPER VARIO meets this demand by offering flexible usage options due to its all-electric drive and various die sets for insulated connectors from 0.5 to 6 mm² (AWG 20 – 10) or for wire end ferrules 6 to 16 mm² (AWG 10 – 6), which enables a low-force crimping process.



Purely electrical operation
with high flexibility



Intuitive handling and finger safety
due to the protective shield



High level of service friendliness
thanks to LED display



Compact dimensions
and robust design



POWERCRIMPER VARIO
More information on our website:
www.weidmuller.com/e-shop



Insulated connectors
More information on our website:
www.weidmuller.com/cablelugs

Optimize Installation Times of Demanding Applications

Features

Purely electrical drive,
no foot switch necessary

Modern design

High process and finger safety

Easy to service

Optional storage bin



Approvals



Our efficient, reliable semi-automated POWERCRIMPER VARIO provides more flexibility in cabinet building.



Crimping die set (ferrules) & base adapter
Insert options are available for different
conductor end finishes (e.g. PZ 16).

Ordering data

Type	Order no.
POWERCRIMPER Vario*	3032890000
Base adapter PC Vario HTO**	3064900000
Die set (ferrules) – 6-10 AWG	9012640000
Storage Bin (PCV)	3043810000

*Includes die set for connectors - 20-16AWG

**Base adapter should be ordered with die set (ferrules)



Perfect Complement: POWERSTRIPPER 6.0

Different cable types stripped automatically



POWERSTRIPPER 6.0 (PS6)

- Stripping knife can be used on both sides
- Wire diameter: max. outer diameter is 5mm (0.20 in)
- Full and partial stripping possible
- Day total and service counter are available
- Wire gauge: stripping in the range of 0.05–6.00mm² (AWG 30–10)
- Wire length: stripping length adjustable between 3–20mm (0.12–0.79 in)

Approvals



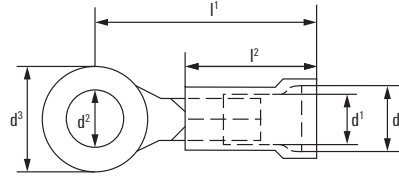
More information on our website:
www.weidmuller.com/e-shop

Ordering data

Type	Order no.
POWERSTRIPPER 6.0	9028510000

Consumables

for the POWERCRIMPER VARIO



Crimp cable lugs

Ring shape

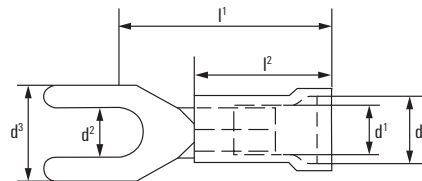
Technical data



Order data

Type	Cross section		Color	Dimensions	Measures in mm				l ¹	l ²	S1*	Qty.	Order no.
	mm ²	AWG			d ¹	d ²	d ³	d ⁴					
UR 1.5M3 V	0.5 - 1.5	20-16	●	M 3	1.7	3.2	5.5	4.0	16.05	11.3	0.75	100	9200070000
UR 1.5M3.5 V	0.5 - 1.5	20-16	●	M 3.5	1.7	3.7	5.5	4.0	16.05	11.3	0.75	100	9200080000
UR 1.5M4 V	0.5 - 1.5	20-16	●	M 4	1.7	4.3	8.0	4.0	18.3	11.3	0.75	100	9200090000
UR 1.5M5 V	0.5 - 1.5	20-16	●	M 5	1.7	5.3	8.0	4.0	18.3	11.3	0.75	100	9200100000
UR 1.5M6 V	0.5 - 1.5	20-16	●	M 6	1.7	6.4	11.6	4.0	21.0	11.3	0.75	100	9200110000
UR 1.5M8 V	0.5 - 1.5	20-16	●	M 8	1.7	8.4	11.6	4.0	21.0	11.3	0.75	100	9200120000
UR 1.5M10 V	0.15 - 1.5	20-16	●	M 10	1.7	10.5	14.0	4.0	23.3	11.3	0.75	100	2792000000
UR 2.5M3 V	1.5 - 2.5	16-14	●	M 3	2.3	3.2	6.4	4.5	15.6	11.3	0.8	100	9200150000
UR 2.5M3.5 V	1.5 - 2.5	16-14	●	M 3.5	2.3	3.7	6.4	4.5	15.6	11.3	0.8	100	9200160000
UR 2.5M4 V	1.5 - 2.5	16-14	●	M 4	2.3	4.3	8.5	4.5	19.05	11.3	0.8	100	9200170000
UR 2.5M5 V	1.5 - 2.5	16-14	●	M 5	2.3	5.3	8.5	4.5	19.05	11.3	0.8	100	9200180000
UR 2.5M6 V	1.5 - 2.5	16-14	●	M 6	2.3	6.4	12.0	4.5	22.3	11.3	0.8	100	9200190000
UR 2.5M8 V	1.5 - 2.5	16-14	●	M 8	2.3	8.4	12.0	4.5	22.3	11.3	0.8	100	9200200000
UR 2.5M10 V	1.5 - 2.5	16-14	●	M 10	2.3	10.5	14.0	4.5	23.3	11.3	0.8	100	9200210000
UR 6.0M4 V	4 - 6	10	●	M 4	3.4	4.3	9.5	6.4	22.75	14.15	1	100	9200230000
UR 6M5 V	4 - 6	10	●	M 5	3.4	5.3	9.5	6.4	22.75	14.15	1	100	9200240000
UR 6M6 V	4 - 6	10	●	M 6	3.4	6.5	12.0	6.4	25	14.15	1	100	9200250000
UR 6M8 V	4 - 6	10	●	M 8	3.4	8.4	15.0	6.4	28	14.15	1	100	9200260000
UR 6.0M10 V	4 - 6	10	●	M 10	3.4	10.5	15.0	6.4	28	14.15	1	100	9200270000

S1* = Connection density



Crimp cable lugs

Fork shape

Technical data



Order data

Type	Cross section		Color	Dimensions	Measures in mm				l ¹	l ²	S1*	Qty.	Order no.
	mm ²	AWG			d ¹	d ²	d ³	d ⁴					
US 1.5M3 V	0.5 - 1.5	20-16	●	M 3	1.7	3.2	5.7	4.0	17.8	11.3	0.75	100	9200290000
US 1.5M3.5 V	0.5 - 1.5	20-16	●	M 3.5	1.7	3.7	6.4	4.0	17.8	11.3	0.75	100	9200300000
US 1.5M4 V	0.5 - 1.5	20-16	●	M 4	1.7	4.3	7.2	4.0	17.8	11.3	0.75	100	9200310000
US 1.5M5 V	0.5 - 1.5	20-16	●	M 5	1.7	5.3	8.1	4.0	17.8	11.3	0.75	100	9200320000
US 1.5M6 V	0.5 - 1.5	20-16	●	M 6	1.7	6.4	11.0	4.0	21.3	11.3	0.75	100	9200330000
US 2.5M3 V	1.5 - 2.5	16-14	●	M 3	2.3	3.2	5.7	4.5	17.8	11.3	0.8	100	9200350000
US 2.5M3.5 V	1.5 - 2.5	16-14	●	M 3.5	2.3	3.7	6.4	4.5	17.8	11.3	0.8	100	9200360000
US 2.5M4 V	1.5 - 2.5	16-14	●	M 4	2.3	4.3	7.2	4.5	17.8	11.3	0.8	100	9200370000
US 2.5M5 V	1.5 - 2.5	16-14	●	M 5	2.3	5.3	8.1	4.5	17.8	11.3	0.8	100	9200380000
US 2.5M6 V	1.5 - 2.5	16-14	●	M 6	2.3	6.4	11.0	4.5	21.3	11.3	0.8	100	9200390000
US 6.0M4 V	4 - 6	10	●	M 4	3.4	4.3	9.0	6.4	21.35	14.15	1	100	9200410000
US 6.0M5 V	4 - 6	10	●	M 5	3.4	5.3	9.0	6.4	21.35	14.15	1	100	9200420000
US 6.0M6 V	4 - 6	10	●	M 6	3.4	6.4	12.0	6.4	25.15	14.15	1	100	9200430000
US 6.0M8 V	4 - 6	10	●	M 8	3.4	8.4	15	6.4	28	14.15	1	100	9200440000
US 6.0M10 V	4 - 6	10	●	M 10	3.4	10.5	15	6.4	28	14.15	1	100	9200450000

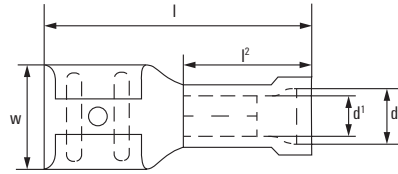
S1* = Connection density

Safe. Flexible. Electrical.

Crimping connectors and wire end ferrules

Crimping connectors Flat receptacles

Technical data

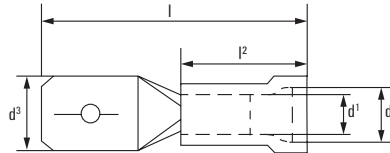


Order data

Type	Cross section		Color	Dimensions	Measures in mm					Qty.	Order no.
	mm²	AWG			d¹	d⁴	l	l²	w		
LIF 1.5F288 R	0.5 - 1.5	20-16	●	2.8 x 0.8	1.9	4.2	18.7	9.5	3.8	100	9200520000
LIF 1.5F488 R	0.5 - 1.5	20-16	●	4.8 x 0.8	1.9	4.2	19.2	9.5	5.7	100	9200530000
LIF 1.5F638 R	0.5 - 1.5	20-16	●	6.3 x 0.8	1.9	4.2	20.3	10.0	7.4	100	9200540000
LIF 2.5F488 R	1.5 - 2.5	16-14	●	4.8 x 0.8	2.6	5.0	19.2	9.5	5.7	100	9200550000
LIF 2.5F638 R	1.5 - 2.5	16-14	●	6.3 x 0.8	2.6	5.0	20.3	10.0	7.4	100	9200560000
LIF 6.0F638 R	4 - 6	10	●	6.3 x 0.8	3.6	6.5	23.8	13.5	7.4	100	9200570000

Crimping connectors Flat connector

Technical data

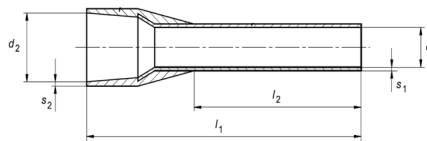


Order data

Type	Cross section		Color	Dimensions	Measures in mm					Qty.	Order no.
	mm²	AWG			d¹	d⁴	l	l²	d³		
LIF 1.5M638 R	0.5 - 1.5	20-16	●	6.3 x 0.8	1.9	4.2	20.8	10.0	6.3	100	9200580000
LIF 2.5M638 R	1.5 - 2.5	16-14	●	6.3 x 0.8	2.6	5.0	20.8	9.5	6.3	100	9200590000
LIF 6.0M638 R	4 - 6	10	●	6.3 x 0.8	3.6	6.5	23.8	13.0	6.3	100	9200600000

Wire end ferrules Weidmuller color code

Loosely packed



Type	Cross section		Measures in mm								Stripping length	Color	Qty.	Order no.
	mm²	AWG	L₁	L₂	D₁	D₂	S₁	S₂						
H6.0/20 SW	6	10	20.00	12	3.5	6.3	0.2	0.3			14	●	100	0533500000
H10.0/22 EB	10	8	22.00	12	4.5	7.6	0.2	0.4			15	●	100	0534200000
H16.0/22 GN	16	6	22.00	12	5.8	8.8	0.2	0.4			15	●	100	0565900000

Wire end ferrules DIN color code

Loosely packed



Type	Cross section		Measures in mm								Stripping length	Color	Qty.	Order no.
	Ø mm²	AWG	L₁	L₂	D₁	D₂	S₁	S₂						
H6.0/20D GE	6	10	20.00	12	3.5	6.3	0.2	0.3			14	●	100	9019220000
H10.0/22D R	10	8	22.00	12	4.5	7.6	0.2	0.4			15	●	100	9019240000
H16.0/22D BL	16	6	22.00	12	5.8	8.8	0.2	0.4			15	●	100	9019260000

Wire end ferrules Other color code

Loosely packed



Type	Cross section		Measures in mm								Stripping length	Color	Qty.	Order no.
	Ø mm²	AWG	L₁	L₂	D₁	D₂	S₁	S₂						
H6.0/20T GN	6	10	20.00	12	3.5	6.3	0.2	0.3			14	●	100	9021130000
H10.0/22T BR	10	8	22.00	12	4.5	7.6	0.2	0.4			15	●	100	9021150000
H16.0/22T W	16	6	22.00	12	5.8	8.8	0.2	0.4			15	○	100	9021170000

Weidmuller – Your Partner in Smart Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Smart Industrial Connectivity.

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