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## AS 4051.024

# Wire Terminal WT fully automated wire processing machine

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# AS 4051.024 - Wire Terminal WT fully automated wire processing machine

Depending on the variant, the compact Wire Terminal WT fully automated wire assembly machines can produce up to 24 or 36 different wires in cross-sections ranging from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup> fully automatically, with zero manual intervention.

## Features

Model No.	AS 4051.024
Design	<p>For fully automatic processing of wire lists for wire assembly</p> <p>Optional management of 24 or 36 wires</p> <p>Suitable wire stores are selected depending on the number of wires</p> <p>When using multiple crimping machines for different cross-sections, the machine may be fitted with a lift option</p> <p>Without a lift option, the stripping and crimping machine RC is the ideal choice</p> <p>The machine configuration includes a 13-way storage system with wire rail magazines</p> <p>Managing 24 wires</p>
Product description	<p>Depending on the variant, the new, compact Wire Terminal WT fully automated wire assembly machines can produce up to 24 or 36 different wires in cross-sections ranging from 0.5 mm<sup>2</sup> to 6 mm<sup>2</sup> fully automatically, with zero manual intervention.</p>
Benefits	<p>Faster processes thanks to fully automated wire processing with individual wire printing and order-picking</p> <p>Fully interlinked, from the E-CAD tool through to the production processes</p> <p>Make your wire assembly production process 8 times faster</p> <p>Continuous top quality</p> <p>Investment amortisation period of 2.5 years from a minimum of 300 enclosures per annum</p>

# Features

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Supply includes	Machine frame and encapsulation Integral display Wire clamp system Wire cutting module Locator for wire labelling unit Turntable and wire routing 26 wire rail magazines as per requirements Label printer for wire rail magazine identification
Machinable material	Fine-wire copper cables to DIN VDE 0295 Category 5
Note	Please talk to your Rittal sales consultant about a bespoke machine configuration.
Machine options	Lift option 4051.025 Printer option, black 4051.029 Printer option, white 4051.030 WT wire store, central unit, 4051.026 WT wire store, additional module, 4051.027 WT wire store XL, central unit, 4051.037 WT wire store XL, additional module, 4051.038 Crimping machine R8-I (0.5 – 2.5 mm <sup>2</sup> / 1-way) 4051.021 Crimping machine RC-I (0.5 – 2.5 mm <sup>2</sup> / 5-way) 4051.020 Crimping machine LD-I (4 – 6 mm <sup>2</sup> / 2-way) 4051.022 Wire Printer 4051.011 additional module Function module 4 mm <sup>2</sup> and 6 mm <sup>2</sup> 4051.010 Wire printer trolley 4051.012 WT language pack 4051.061
Interfaces	EPLAN Pro Panel EPLAN Smart Wiring
Safety	The machine interior is fully encapsulated. The machine zone allows access from 4 sides, monitored via contactless safety limit switches on the bifold doors.
Dimensions	Width: 1,950 mm Height: 2,250 mm Depth: 1,800 mm
Compressed air connection	6 bar
Rated operating voltage	400 V, 3~, 50 Hz
Control voltage (DC)	24 V

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# Features

Power consumption (approx.)	1 kW
Wires per hour approx.	240
Weight per wire store, unloaded	130 kg
Support area including 2 wire magazine	Width: 1,950 mm Height: 2,250 mm Depth: 4,000 mm
Support area including 3 wire magazine	Width: 3,610 mm Height: 2,250 mm Depth: 4,000 mm
Packs of	1 pc(s).
Weight/pack	1,100 kg
Copper weight (kg per piece)	0
Customs tariff number	84571090
EAN	4028177940291
ETIM 7.0	EC002778
ECLASS 8.0	36629090