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AS 4051.194

Wire Terminal WT L fully automated wire processing machine

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FRIEDHELM LOH GROUP



AS 4051.194 - Wire Terminal WT L fully automated wire processing machine

The Wire Terminal WT L10 B fully automated wire processing machine can process wire cross-sections ranging from 0.5–6 mm². This includes processes such as length-cutting, insulation-stripping, crimping and project-specific labelling of the wires. The finished wires are output in chain bundles on an order-specific basis. Alternatively, the wire output is also available as an ejection system.



Features

Model No.	AS 4051.194
Version	Wire Terminal WT L10 B (wire chain bundler)
Benefits	Efficiency increase due to possible production in sorted chain bundles The bundled batch may be removed during active production Simplifies wiring process with step-by-step instructions in Eplan Smart Wiring Supports the wiring process at various locations

Features

Technical specifications

10 wire end ferrule feeds via feeder pots
Crimping range 0.5 mm²: Crimping lengths 8 mm (0.31 in.) and 10 mm (0.39 in.)
Crimping range 0.75 mm²: Crimping lengths 8 mm (0.31 in.), 10 mm (0.39 in.) and 12 mm (0.47 in.)
Crimping range 1 mm²: Crimping lengths 8 mm (0.31 in.), 10 mm (0.39 in.) and 12 mm (0.47 in.)
Crimping range 1.5 mm²: Crimping lengths 8 mm (0.31 in.), 10 mm (0.39 in.), 12 mm (0.47 in.) and 18 mm (0.71 in.)
Crimping range 2.5 mm²: Crimping lengths 10 mm (0.39 in.), 12 mm (0.47 in.) and 18 mm (0.71 in.)
Crimping range 4 mm²: Crimping lengths 10 mm (0.39 in.), 12 mm (0.47 in.) and 18 mm (0.71 in.)
Crimping range 6 mm²: Crimping lengths 12 mm (0.47 in.) and 18 mm (0.71 in.)
The Wire Terminal WT L can process wire lengths from 150 mm to 10 m
The WT L Wire Terminal can accommodate one wire infeed block.
Wire output as chain bundle

Supply includes

Machine base and housing
Control unit
1 x vibrofeeder pot WT 16 for 0.5 mm²
3 x vibrofeeder pot WT 20 for 0.75/1.0 mm²
3 x vibrofeeder pot WT 29 for 1.5/2.5 mm²
3 x vibrofeeder pot WT 43 for 4.0/6.0 mm²
Chain bundle module WT
10 rolls of WT bundle tape, each 50 m long

Workable material

Wire end ferrules with plastic collar

Note

For your individual machine specifications, please consult your Rittal advisor.
German and English are included as standard with the Wire Terminal
The oscillating conveyor pots and the separation of the ferrules are designed for the tolerance dimensions of the Rittal wire end ferrules according to DIN 46228-4:2019-02. If the wire end ferrules to be processed deviate from the tolerance dimensions defined therein, it may be necessary, on the one hand, to design/test new vibrofeeder pots and, on the other hand, to adjust the separation of the wire end ferrules.
We reserve the right to make technical modifications

Features

Machine options	Wire storage unit WT Tube 12 (4051.218) WT printer IQ.JET, black 4051281 WT printer IQ.JET, white 4051280
Interfaces	Eplan Pro Panel Eplan Smart Wiring
Compressed air supply min.	5.5 bar
Compressed air supply max.	6 bar
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Control voltage (DC)	24 V
Power consumption (approx.)	1 kW
Cycle time	11 s
Wires per hour approx.	320
Support area	Width: 2,170 mm Height: 1,870 mm Depth: 1,080 mm
Customs tariff number	84633000
ETIM 8	EC000000
ECLASS 8.0	18129090
Product description	Wire Terminal WT L10 W fully automated wire processing machine (wire chain bundler)