

Data Sheet | Item Number: 258-5001

Thermal transfer printer; Smart Printer; for complete control cabinet marking; Without marking material

<https://www.wago.com/258-5001>



Similar to illustration

This item includes:



Item No.: 258-5005

1

Thermal transfer ink ribbon; for Smart Printer; black



Item No.: 258-5006

1

Roller; for Smart Printer; for marking strips, device and equipment markers, conductor and cable markers



Item No.: 258-5007

1

Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device

System requirements

Memory	4 GB
Supported operating systems	Windows 7 Windows 8 Windows 10

Technical data

Marking method	Thermal transfer
Print head	Glass layer, spring-mounted
Print resolution	300 dpi 300 dpi (12 pixels/mm)
Print speed	Max. 127 mm/s (WAGO recommends 50.8 mm/s)
Recommended print speed	50 mm/s
Print speed (max.)	127 mm/s
Print width	47 mm
Print length (max.)	762 mm
See-through/reflective sensor	Yes, centrally mounted
Memory	8 MB
Marking software	Smart Script
Interfaces	USB, RS-232, ETHERNET 10/100 Mbps
Operating voltage	100 ... 240 VAC, 50 ... 60 Hz (automatic adjustment)
Safety approvals	CE (EMC)
Operating display	Color TFT LCD with navigation button
Ink ribbon	External roll diameter: 40 mm; Internal core diameter: 12.7 mm (0.5 inch); Max. length: 110 m; Max. width: 58 mm
Ink ribbon width	46 mm / 1.811 inches
Ink ribbon length	74 m / 360.9
Ink ribbon external roll diameter	33 mm / 1.299 inches
Ink ribbon internal core diameter	12.5 mm / 0.492 inches



Technical data	
Scope of delivery	Power supply + cable, 2 rollers (258-5006 + 258-5007), 1 roll holder, 1 ink ribbon (258-5005), Smart Script marking software and driver, USB cable, external unwinder, 2 empty cardboard roller cores

Physical data	
Height	175 mm / 6.89 inches
Width	135 mm / 5.315 inches
Depth	245 mm / 9.646 inches

Material Data	
Weight	3467 g
Fire load	0 MJ

Environmental requirements	
Surrounding air temperature (storage)	-20 ... +50 °C
Ambient temperature (operation)	+5 ... +40 °C

Commercial data	
ETIM 8.0	EC000610
ETIM 7.0	EC000610
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	TW
GTIN	4066966148145
Customs tariff number	84433210000

Approvals / Certificates	
General approvals	Approvals for hazardous areas



Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 60950-1	E482462	CCC CQC	-	2020010904320138

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 258-5001

Documentation

Manual

smartPRINTER operating instructions	003.10.2017 25.09.2020	pdf 3106.24 KB	
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Marking software Smart Script			
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Additional Information

Smart Printer accessories	30.01.2017 30.06.2019	pdf 853.26 KB	
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FAQ fault description and troubleshooting	002.07.2017 27.04.2020	pdf 81.89 KB	
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Allocation roller printing material	001.12.2016 10.09.2020	pdf 139.96 KB	
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Instructions external unwinder	001.12.2016 08.09.2020	pdf 1006.78 KB	
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Installation guide, quick start	160122.010	pdf 5686.57 KB	
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IT infrastructure requirements	002.09.2017 15.08.2019	pdf 35.70 KB	
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Cutting Unit V2	1 27.04.2020	pdf 494.45 KB	
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Overview software versions	1 22.02.2021	pdf 716.49 KB	
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Material guidance		pdf 2294.23 KB	
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Operating Instructions

210-804 Information on handling print material	1 28.08.2020	pdf 1347.39 KB	
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210-805 Information on handling print material	1 28.08.2020	pdf 1338.18 KB	
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210-811 Handhabungshinweis zum Druckmaterial	1 28.08.2020	pdf 1397.18 KB	
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210-813 Information on handling print material	1 28.08.2020	pdf 1353.96 KB	
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210-831 Information on handling print material	1 28.08.2020	pdf 1150.50 KB	
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210-852 Information on handling print material	1 28.08.2020	pdf 1004.72 KB	
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211-502 Information on printing material	1 28.08.2020	pdf 1059.74 KB	
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211-821 Information on printing material	1 28.08.2020	pdf 1248.71 KB	
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211-835 Information on printing material	1 28.08.2020	pdf 1380.62 KB	
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211-836 Information on printing material	1 28.08.2020	pdf 1467.39 KB	
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Operating Instructions

211-856 Information on printing material	1 28.08.2020	pdf 1316.17 KB	
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211-861 Information on printing material	1 28.08.2020	pdf 1244.38 KB	
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2009-110 Information on printing material	1 28.08.2020	pdf 1190.09 KB	
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2009-115 Information on printing material	1 28.08.2020	pdf 1230.84 KB	
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2009-145 Information on printing material	1 28.08.2020	pdf 1266.67 KB	
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2009-515 Information on printing material	1 28.08.2020	pdf 1268.55 KB	
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2009-615 Information on printing material	1 28.08.2020	pdf 1316.42 KB	
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additional software					
WAGO-EPLAN-Inter-face 64Bit	1.6.4 24.10.2022	zip 1481.92 KB		WAGO Firmware for Thermotransferdrucker Smart Printer	V1.UW7y 08.12.2021 zip 3800.71 KB
WAGO Printer Settings for Smart Script 3.8/3.9	2.5.0.0 25.09.2019	zip 6784.94 KB		WAGO Smart Printer driver - for Smart Script 3.x	7.4.2 22.08.2016 zip 13954.49 KB

1 Compatible Products	
1.1 Optional Accessories	
1.1.1 Accessories for marking devices	
1.1.1.1 Accessories for marking devices	

Item No.: 258-5015 Carrying case; white	Item No.: 258-5030 Cutter; for Smart Printer; for marking strips, equipment markers, conductor and cable markers; Durable; High accuracy	Item No.: 258-5006 Roller; for Smart Printer; for marking strips, device and equipment markers, conductor and cable markers	Item No.: 258-5011 Roller; for Smart Printer; for Micro WSB In-line roller (2009-141); 1 grinding device
Item No.: 258-5008 Roller; for Smart Printer; for Mini-WSB In-line WAGO (2009-145); 1 grinding device	Item No.: 258-5009 Roller; for Smart Printer; for WMB-Inline Phoenix (2009-515); 1 grinding device	Item No.: 258-5007 Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device	Item No.: 258-5010 Roller; for Smart Printer; for WMB-Inline Weidmüller (2009-615); 1 grinding device
Item No.: 258-5005 Thermal transfer ink ribbon; for Smart Printer; black	Item No.: 258-5014 Thermal transfer ink ribbon; for Smart Printer; for self-laminating labels; black	Item No.: 258-5005/000-005 Thermal transfer ink ribbon; for Smart Printer; red	

1.1.2 Marking		
1.1.2.1 Cable tie marker		
		
Item No.: 211-836 Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; white	Item No.: 211-835 Cable tie marker; for Smart Printer; for use with cable ties; 25 x 11 mm; white	Item No.: 211-837 Cable tie marker; for Smart Printer; for use with cable ties; 44 x 10 mm; white

1.1.2.2 Label			
			
Item No.: 210-810 Labels; for Smart Printer; 5 x 35 mm; white	Item No.: 210-808 Labels; for Smart Printer; 9.5 x 25 mm; white	Item No.: 210-813 Labels; for Smart Printer; permanent adhesive; 40 mm; white	Item No.: 210-814 Labels; for Smart Printer; permanent adhesive; 40 mm; white
			
Item No.: 210-805 Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white	Item No.: 210-807 Labels; for Smart Printer; permanent adhesive; 8 x 20 mm; white	Item No.: 210-806 Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; white	Item No.: 210-811 Textile labels; for Smart Printer; permanent adhesive; 7 x 20 mm; white

1.1.2.3 Marker

**Item No.: 211-811**

Marker card; for Smart Printer; for use in nozzles; Length: 12 mm; white

**Item No.: 211-821**

Marker card; for Smart Printer; for use in nozzles; Length: 23 mm; white

**Item No.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-615**

WMB-Inline; for Smart Printer; 1200 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-114**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white

**Item No.: 2009-113**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

**Item No.: 2009-515**

WMB-Inline; for Smart Printer; 900 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.2.4 Marking strip

**Item No.: 210-833**

Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white

**Item No.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

**Item No.: 2009-110/020-002**

Marking strips; for Smart Printer; on reel; not stretchable; plain; yellow

**Item No.: 210-871**

Marking strips; for Smart Printer; permanent adhesive; 10 mm; silver-colored

**Item No.: 210-870**

Marking strips; for Smart Printer; permanent adhesive; 10 mm; white

**Item No.: 210-880**

Marking strips; for Smart Printer; permanent adhesive; 12.7 mm; white

**Item No.: 210-702**

Marking strips; for Smart Printer; permanent adhesive; 15 mm; white

**Item No.: 210-873**

Marking strips; for Smart Printer; permanent adhesive; 20 mm; silver-colored

**Item No.: 210-872**

Marking strips; for Smart Printer; permanent adhesive; 20 mm; white

**Item No.: 210-882**

Marking strips; for Smart Printer; permanent adhesive; 22.6 mm; white

**Item No.: 210-875**

Marking strips; for Smart Printer; permanent adhesive; 30 mm; silver-colored

**Item No.: 210-874**

Marking strips; for Smart Printer; permanent adhesive; 30 mm; white

**Item No.: 210-877**

Marking strips; for Smart Printer; permanent adhesive; 46 mm; silver-colored

**Item No.: 210-876**

Marking strips; for Smart Printer; permanent adhesive; 46 mm; white

**Item No.: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

**Item No.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

**Item No.: 210-847**

Push-button marker; 22 x 22 mm; silver-colored

**Item No.: 210-850**

Push-button marker; 26.5 x 18 mm; silver-colored

**Item No.: 210-855**

Push-button marker; 27 x 18 mm; silver-colored

**Item No.: 210-852**

Push-button marker; 27 x 19 mm; silver-colored

**Item No.: 210-848**

Push-button marker; 27 x 27 mm; silver-colored

**Item No.: 210-856**

Push-button marker; 27.5 x 17.5 mm; silver-colored

**Item No.: 210-854**

Push-button marker; 28 x 28 mm; silver-colored

**Item No.: 210-842**

Push-button marker; for frames, to be snapped in or glued in place; 27 x 12.5 mm; silver-colored

**Item No.: 210-836**

Push-button marker; for frames, to be snapped in or glued in place; 27 x 17.5 mm; silver-colored

**Item No.: 210-840**

Push-button marker; for frames, to be snapped in or glued in place; 27 x 27 mm; silver-colored



1.1.2.6 Self-laminating label



Item No.: 211-856
Self-laminating labels; for Smart Printer;
15 x 22 mm; white

Item No.: 211-857
Self-laminating labels; for Smart Printer;
18 x 44 mm; white

Item No.: 211-855
Self-laminating labels; for Smart Printer; 9
x 18 mm; white

1.1.2.7 Shrink tube



Item No.: 211-505
Shrink tube; for Smart Printer; Unshrunk
diameter: 12.7 mm; white

Item No.: 211-506
Shrink tube; for Smart Printer; Unshrunk
diameter: 19.0 mm; white

Item No.: 211-500
Shrink tube; for Smart Printer; Unshrunk
diameter: 2.4 mm; white

Item No.: 211-501
Shrink tube; for Smart Printer; Unshrunk
diameter: 3.2 mm; white



Item No.: 211-502
Shrink tube; for Smart Printer; Unshrunk
diameter: 4.8 mm; white

Item No.: 211-503
Shrink tube; for Smart Printer; Unshrunk
diameter: 6.4 mm; white

Item No.: 211-504
Shrink tube; for Smart Printer; Unshrunk
diameter: 9.5 mm; white

1.1.2.8 Type labels



Item No.: 210-812
Type labels; 50 x 25 mm; silver-colored

Item No.: 210-802
Type labels; 70 x 33 mm; silver-colored

Item No.: 210-801
Type labels; 70 x 33 mm; white

Item No.: 210-804
Type labels; 99 x 44 mm; silver-colored



Item No.: 210-803
Type labels; 99 x 44 mm; white

1.1.2.9 Wire marker for thread-on mounting



Item No.: 211-863
Conductor markers for thread-on moun-
ting; for Smart Printer; 10 x 17 mm; white

Item No.: 211-861
Conductor markers for thread-on moun-
ting; for Smart Printer; 5 x 10.5 mm; white

Item No.: 211-862
Conductor markers for thread-on moun-
ting; for Smart Printer; 7 x 10.5 mm; white