

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>



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

Supported operating systems

Windows 7
Windows 8
Windows 10
Windows 11
Linux®

Memory

4 GB

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	8192 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 width	46 mm / 1.811 inches
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 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, 1 empty cardboard roller core

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	
Ambient 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

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
EAC	TP TC 004/2011, TP TC 020/2011	EAC CoC 03079	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
GZO Almaty Standart					
UL	UL 60950-1	E482462			
Underwriters Laboratories Inc.					



Approvals for hazardous areas

Approval	Standard	Certificate Name
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 
Marking software Smart Script 

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

Operating Instructions				
210-804 Information on handling print material	1 28.08.2020	pdf 1347.39 KB		
210-805 Information on handling print material	1 28.08.2020	pdf 1338.18 KB		
210-811 Handhabungsanweisung zum Druckmaterial	1 28.08.2020	pdf 1397.18 KB		
210-813 Information on handling print material	1 28.08.2020	pdf 1353.96 KB		
210-831 Information on handling print material	1 28.08.2020	pdf 1150.50 KB		
210-852 Information on handling print material	1 28.08.2020	pdf 1004.72 KB		
211-502 Information on printing material	1 28.08.2020	pdf 1059.74 KB		

Operating Instructions				
211-821 Information on printing material	1 28.08.2020	pdf 1248.71 KB		
211-835 Information on printing material	1 28.08.2020	pdf 1380.62 KB		
211-836 Information on printing material	1 28.08.2020	pdf 1467.39 KB		
211-856 Information on printing material	1 28.08.2020	pdf 1316.17 KB		
211-861 Information on printing material	1 28.08.2020	pdf 1244.38 KB		
2009-110 Information on printing material	1 28.08.2020	pdf 1190.09 KB		
2009-115 Information on printing material	1 28.08.2020	pdf 1230.84 KB		



Operating Instructions			
2009-145 Information on printing material	1 28.08.2020	pdf 1266.67 KB	
2009-515 Information on printing material	1 28.08.2020	pdf 1268.55 KB	
2009-615 Information on printing material	1 28.08.2020	pdf 1316.42 KB	

additional software			
WAGO-EPLAN-Interface 64Bit	1.7.2 02.11.2023	zip 1444.38 KB	
WAGO Firmware for Thermo- transferrdrucker 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	Item No.: 258-5005/000-008 Thermal transfer ink ribbon; for Smart Printer; white

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

**Item No.: 211-821**

Marker; 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; snap-on type; 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.: 210-834**

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

**Item No.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

**Item No.: 757-901/000-050**

Marking strips; on reel; not stretchable; plain; snap-on type



1.1.2.5 Push-button label

 Item No.: 210-847 Push-button marker; 22 x 22 mm; silver-colored	 Item No.: 210-858 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.: 210-854 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
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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 mounting; for Smart Printer; 10 x 17 mm; white	 Item No.: 211-861 Conductor markers for thread-on mounting; for Smart Printer; 5 x 10.5 mm; white	 Item No.: 211-862 Conductor markers for thread-on mounting; for Smart Printer; 7 x 10.5 mm; white
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