

## Data Sheet | Item Number: 2009-110

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

<https://www.wago.com/2009-110>



Color: ■ white

### Technical data

Suitable	for WAGO Rail-Mount Terminal Blocks TOPJOB® S, X-COM®S-SYSTEM, X-COM®S-SYSTEM-MINI and 285/788/857/2857 Series
Marking method	Thermal transfer
Marking	plain
Delivery form	Strip
Delivery form configuration	50 m; 1 line
Printing device	Smart Printer (thermal transfer printer)

### Physical data

Width	11 mm
Strip width	11 mm

### Mechanical data

Mounting type	Snapping on
Smear resistance	EN 60998-1:2004

### Material data

Color	white
UV resistance	EN 60068-2-5:2010 Procedure B
Adhesive information	without adhesive
Halogen-free	Yes
Weight	260 g
Fire load	7.8 MJ

## Environmental requirements

Ambient temperature (storage)	+10 ... +21 °C
Ambient temperature (operation)	-40 ... +150 °C
Relative humidity	40 ... 50 %

## Environmental Testing (Environmental Conditions)

Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Installation location	Service life test, Category 1, Class A/B
Function test with noise-like vibration	Test passed according to Section 8 of the standard
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)
Test duration per axis	10 min. 5 h
Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes
Monitoring for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
Shock test	Test passed according to Section 10 of the standard
Shock form	Half sine
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Vibration and shock stress for rolling stock equipment	Passed

## Commercial data

Product Group	2 (Terminal Block Accessories)
eCl@ss 10.0	27-14-11-37
eCl@ss 9.0	27-14-11-37
ETIM 9.0	EC000761
ETIM 8.0	EC000761
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	LU
GTIN	4044918102483
Customs tariff number	39206219888

**Environmental Product Compliance**

RoHS Compliance Status Compliant, No Exemption

**Approvals / Certificates**

**Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 2009-110 <a href="#">↓</a>

**Documentation**

Additional Information			
Allocation roller printing material	001.12.2016 10.09.2020	pdf 139.96 KB	<a href="#">↓</a>

Bid Text			
2009-110	19.02.2019	xml 2.57 KB	<a href="#">↓</a>
2009-110	04.01.2018	doc 23.00 KB	<a href="#">↓</a>

Operating Instructions			
2009-110 Information on printing material	1 28.08.2020	pdf 1190.09 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 2009-110 <a href="#">↓</a>

CAE data
EPLAN Data Portal 2009-110 <a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Marking

##### 1.1.1.1 Marking device



**Item No.: 258-5000**

Thermal transfer printer; Smart Printer; for complete control cabinet marking; 300 dpi; With marking material