

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	296.7 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

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

Commercial data

Product Group	2 (Terminal Block Accessories)
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	LU
GTIN	4044918102483
Customs tariff number	39206219888



Product Classification	
UNSPSC	55121704
eCl@ss 10.0	27-14-11-37
eCl@ss 9.0	27-14-11-37
ETIM 9.0	EC000761
ETIM 10.0	EC000761
ECCN	NO US CLASSIFICATION

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	

Documentation			
Bid Text		Operating Instructions	
2009-110	19.02.2019	xml 2.57 KB	
2009-110	04.01.2018	doc 23.00 KB	
		2009-110 Information on printing material	1 28.08.2020 pdf 1190.09 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2009-110 	EPLAN Data Portal 2009-110