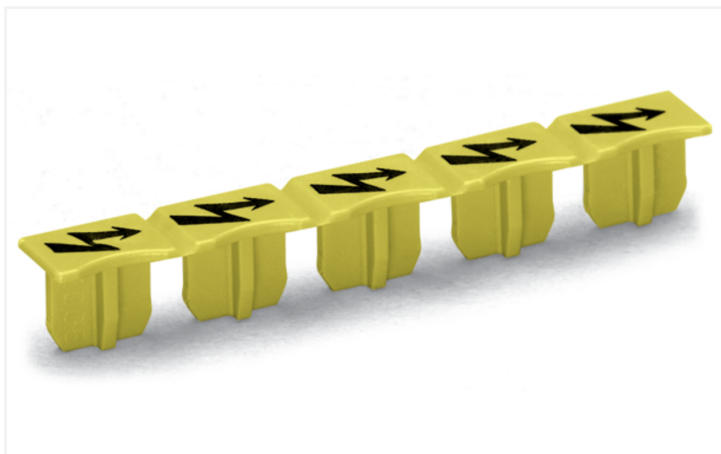


## Data Sheet | Item Number: 2010-115

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

<https://www.wago.com/2010-115>



Color: ■ yellow

Similar to illustration

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.019 MJ
Weight	0.7 g

### Environmental requirements

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

**Environmental Testing**

Vibration and shock stress for rolling stock equipment Passed

**Commercial data**

Product Group	22 (TOPJOB S)
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918498203
Customs tariff number	39269097900

**Product Classification**

UNSPSC	39121613
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 9.0	EC002848
ETIM 10.0	EC002848
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**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 2010-115

Documentation

Bid Text

2010-115	28.04.2017	doc 23.50 KB	↓
2010-115	19.02.2019	xml 2.53 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 2010-115	↓
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CAE data

EPLAN Data Portal 2010-115	↓
WSCAD Universe 2010-115	↓