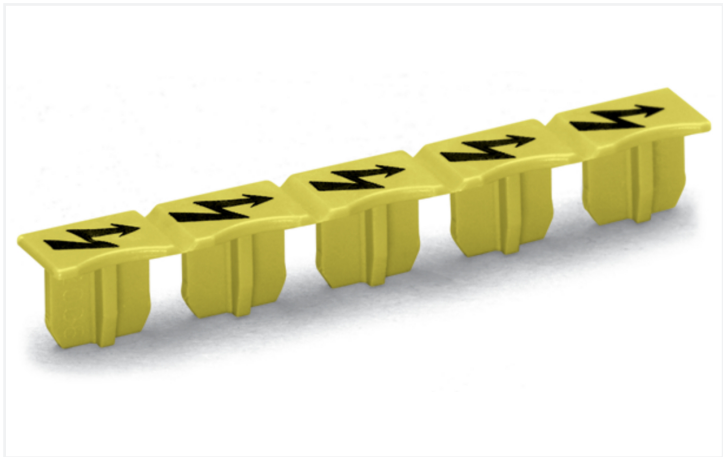


Data Sheet | Item Number: 2016-115

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

<https://www.wago.com/2016-115>



Color: ■ yellow

Similar to illustration

Material data		
Note (material data)		Information on material specifications can be found here
Color		yellow
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.022 MJ
Weight		0.8 g

Environmental requirements			
Environmental Testing		Environmental Testing	
Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	Test duration per axis	5 h
Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04	Test directions	X, Y and Z axes
Spectrum/Mounting location	Service life test, Category 1, Class A/B	Extended testing: Monitoring of contact faults and interruptions	Passed
Functional test with noise-like oscillations	Test passed according to Section 8 of the standard	Extended testing: Voltage drop measurement before and after each axis	Passed
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz	Shock test	Test passed according to Section 10 of the standard
Acceleration	0.101g (highest test level used for all axes)	Shock pulse form	Half sine
Test duration per axis	10 min.	Acceleration	5g (highest test level used for all axes)
Test directions	X, Y and Z axes	Shock duration	30 ms
Monitoring of contact faults and interruptions	Passed	Number of shocks (per axis)	3 pos. und 3 neg.
Voltage drop measurement before and after each axis	Passed	Test directions	X, Y and Z axes
Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard	Extended testing: Monitoring of contact faults and interruptions	Passed
Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz	Extended testing: Voltage drop measurement before and after each axis	Passed
Acceleration	0.572g (highest test level used for all axes)	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	4017332076357
Customs tariff number	39269097900

Product Classification	
UNSPSC	39121708
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

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 2016-115	

Documentation

Bid Text			
2016-115	19.02.2019	xml 2.53 KB	
2016-115	28.04.2017	doc 23.50 KB	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2016-115	EPLAN Data Portal 2016-115
	WSCAD Universe 2016-115
	ZUKEN Portal 2016-115