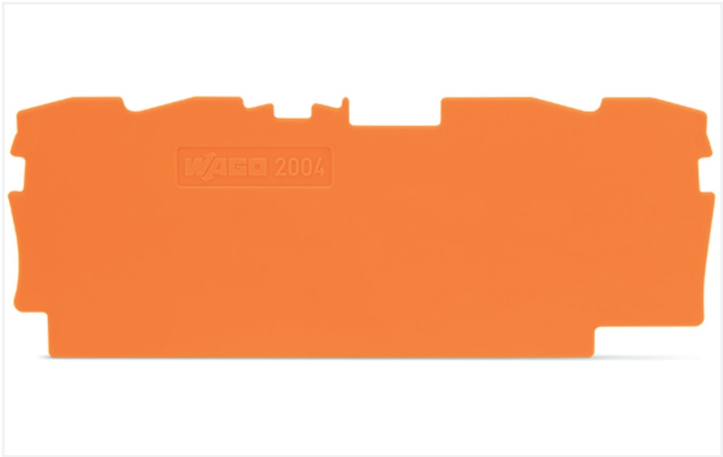




Color: ■ orange

Physical data	
Width	1 mm / 0.039 inches
Height	78.2 mm / 3.079 inches
Depth	29.7 mm / 1.169 inches

Mechanical data	
Mounting type	snap-on type

Material data	
Note (material data)	
Information on material specifications can be found here	
Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.072 MJ
Weight	2.4 g

Environmental requirements			
Processing temperature	-35 ... +85 °C	Environmental Testing (Environmental Conditions)	
Continuous operating temperature	-60 ... +105 °C		
		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 Hz to f ₂ = 150 Hz f ₁ = 5 Hz to f ₂ = 150 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)



Environmental Testing (Environmental Conditions)	
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	22 (TOPJOB S)	
eCl@ss 10.0	27-14-11-33	
eCl@ss 9.0	27-14-11-33	
ETIM 9.0	EC000886	
ETIM 8.0	EC000886	
PU (SPU)	100 (25) pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4044918390880	
Customs tariff number	85389099990	

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption