Data Sheet | Item Number: 2002-641

End plate; for modular TOPJOB®S test plug module; gray

https://www.wago.com/2002-641



Color: gray

Physical data

Width	1.5 mm / 0.059 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.009 MJ
Weight	0.3 g

Environmental requirements

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 Hz to f_2 = 150 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

Environmental Testing

Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
Frequency	f_1 = 5 Hz to f_2 = 150 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

Continued on next page

Environmental Testing

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	22 (TOPJOB S)
PU (SPU)	100 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454997427
Customs tariff number	85389099990

Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-33
eCl@ss 9.0	27-14-11-33
ETIM 9.0	EC000886
ETIM 10.0	EC000886
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

Approvals for marine applications

Approval	Standard	Certificate Name
BV Bureau Veritas S.A.	EN 60947	38586/B0 BV

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2002-641

Continued on next page

Documentation

Bid Text

2002-641	19.02.2019	xml 2.56 KB
2002-641	27.04.2017	doc 23.50 KB

CAD/CAE-Data

CAD data

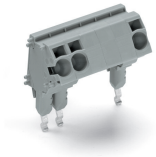
2D/3D Models 2002-641

CAE data

WSCAD Universe
2002-641

Installation Notes

Installation



TOPJOB® S L-type test plug assembly:

- L-type test plug modules and L-type spacer modules (max. 10-pole)
- Additionally, terminal blocks can be skipped using spacer modules.