

FIP-3/1 SERVICE - Interruption plug



3069921

<https://www.phoenixcontact.com/us/products/3069921>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

20 A

IEC

400 V

IEC

Interruption plug, nom. voltage: 400 V, nominal current: 20 A, color: green



Commercial data

Item number	3069921
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE06
Product key	BE6113
GTIN	4055626136882
Weight per piece (including packing)	28 g
Weight per piece (excluding packing)	23.22 g
Customs tariff number	85366990
Country of origin	PL

FIP-3/1 SERVICE - Interruption plug



3069921

<https://www.phoenixcontact.com/us/products/3069921>

Technical data

Product properties

Product type	Plug
Number of positions	1
Pitch	8.2 mm

Insulation characteristics

Overvoltage category	III
----------------------	-----

Electrical properties

Rated surge voltage	4 kV
Test surge voltage	5 kV

Connection data

Nominal current	20 A
Maximum load current	20 A
Nominal voltage	400 V

Dimensions

Width	13.6 mm
Height	53.4 mm
Pitch	8.2 mm

Material specifications

Color	green (RAL 6021)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

FIP-3/1 SERVICE - Interruption plug



3069921

<https://www.phoenixcontact.com/us/products/3069921>

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	Insertion in base strip
---------------	-------------------------

FIP-3/1 SERVICE - Interruption plug

3069921

<https://www.phoenixcontact.com/us/products/3069921>



Drawings

Circuit diagram



FIP-3/1 SERVICE - Interruption plug



3069921

<https://www.phoenixcontact.com/us/products/3069921>

Classifications

ECLASS

ECLASS-13.0	27141190
ECLASS-15.0	27141190

ETIM

ETIM 10.0	EC002848
-----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

FIP-3/1 SERVICE - Interruption plug



3069921

<https://www.phoenixcontact.com/us/products/3069921>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com