

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.



Plug, nom. voltage: 800 V, nominal current: 32 A, number of positions: 1, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm²- 6 mm², color: green-yellow

Product description

Connector element right, left housing with engagement pin, right closed with cover

Your advantages

- The COMBI plugs for self-assembly provide solutions that users can implement themselves
- The screw plugs can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions
- The plugs are assembled directly on site by snapping together 1-position plug elements
- The plug design enables space-saving potential distribution by using four-conductor terminal blocks with two slots

Commercial data

Item number	3060102
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1144
Catalog page	Page 336 (C-1-2019)
GTIN	4046356090223
Weight per piece (including packing)	5.38 g
Weight per piece (excluding packing)	5.374 g
Customs tariff number	85366990
Country of origin	TR

UP 4/ 1-R GNYE - Plug



3060102

<https://www.phoenixcontact.com/us/products/3060102>

Technical data

Product properties

Product type	Terminal plug
Number of positions	1
Pitch	6.2 mm
Potentials	1

Insulation characteristics

Ovvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
---------------------	------

Connection data

Nominal cross section	4 mm ²
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	9 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
Nominal current	32 A
Maximum load current	32 A (with 6 mm ² conductor cross section)
Nominal voltage	800 V
Nominal cross section	4 mm ²

Dimensions

Width	6.2 mm
Height	21 mm
Depth	41.2 mm
Length	21 mm
Pitch	6.2 mm

UP 4/ 1-R GNYE - Plug



3060102

<https://www.phoenixcontact.com/us/products/3060102>

Material specifications

Color	green-yellow
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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 61984
----------------------------------	-----------

UP 4/ 1-R GNYE - Plug

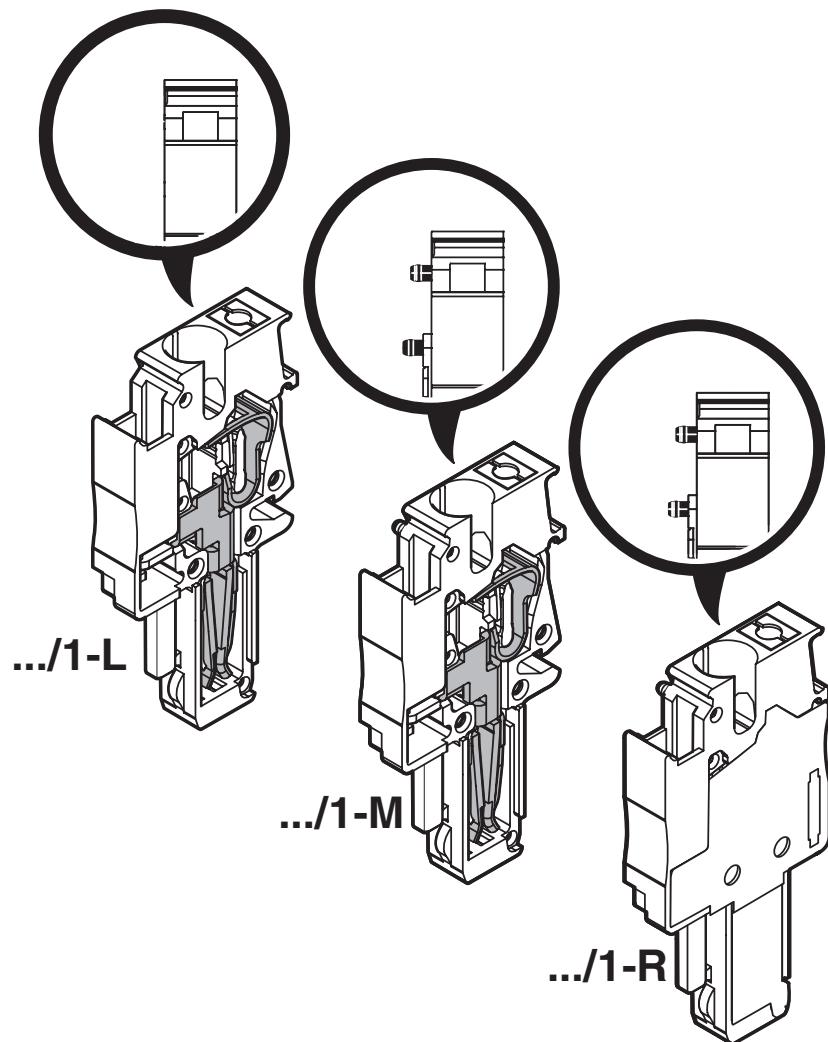
3060102

<https://www.phoenixcontact.com/us/products/3060102>



Drawings

Schematic diagram



UP 4/ 1-R GNYE - Plug

3060102

<https://www.phoenixcontact.com/us/products/3060102>



Circuit diagram



UP 4/ 1-R GNYE - Plug



3060102

<https://www.phoenixcontact.com/us/products/3060102>

Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3060102>



CSA

Approval ID: 13631



IECEE CB Scheme

Approval ID: NL-34722_A1

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	800 V	32 A	-	-



cULus Recognized

Approval ID: E60425



KEMA-KEUR

Approval ID: 71-114072 REV.1

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	800 V	32 A	-	-



CSA

Approval ID: 13631



EAC

Approval ID: EACKZ 08593



cULus Recognized

Approval ID: E60425

UP 4/ 1-R GNYE - Plug

3060102

<https://www.phoenixcontact.com/us/products/3060102>



Classifications

ECLASS

ECLASS-11.0	27141151
ECLASS-12.0	27141151
ECLASS-13.0	27250306

ETIM

ETIM 9.0	EC002021
----------	----------

UNSPSC

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

UP 4/ 1-R GNYE - Plug

3060102

<https://www.phoenixcontact.com/us/products/3060102>



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 2025 © - 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