

PSH 3- 6 - Shield connection clamp



3040591

<https://www.phoenixcontact.com/us/products/3040591>

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.



Shield connection clamp, nom. voltage: 300 V, color: black

Your advantages

- Connected shielded cable is fixed using a cable binder
- The connecting cable for the shielding is connected via the plug and then makes direct contact with the terminal block when inserted
- For connecting shielded cables
- Snapped into strain relief once the plug has been wired

Commercial data

Item number	3040591
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE02
Product key	BE214Z
GTIN	4017918832735
Weight per piece (including packing)	2.36 g
Weight per piece (excluding packing)	2.336 g
Customs tariff number	85444290
Country of origin	PL

PSH 3- 6 - Shield connection clamp

3040591

<https://www.phoenixcontact.com/us/products/3040591>



Technical data

Product properties

Product type	Shield connection
--------------	-------------------

Material specifications

Color	black (RAL 9005)
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 ... 105 °C (max. short-term operating temperature RTI Elec.)
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 (storage/transport)	30 % ... 70 %

PSH 3- 6 - Shield connection clamp



3040591

<https://www.phoenixcontact.com/us/products/3040591>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3040591>



EAC

Approval ID: KZ7500651131219505

PSH 3- 6 - Shield connection clamp



3040591

<https://www.phoenixcontact.com/us/products/3040591>

Classifications

ECLASS

ECLASS-13.0	27250192
ECLASS-15.0	27250192

ETIM

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

UNSPSC

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

PSH 3- 6 - Shield connection clamp



3040591

<https://www.phoenixcontact.com/us/products/3040591>

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