

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

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.



Sleeve housing B16, with screw locking, material: die-cast aluminum, cable outlets: 1, lateral, 1x M40, height: 110.5 mm, cable gland: none, protective cover: no, Railway applications, for increased environmental and EMC requirements, Series HPR

Your advantages

- Vibration and shock: IEC 61373/EN 50155, category 1, class 1B

Commercial data

Item number	1411884
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	BF7AAI
Catalog page	Page 628 (C-4-2015)
GTIN	4046356944526
Weight per piece (including packing)	614.6 g
Weight per piece (excluding packing)	614 g
Customs tariff number	85389099
Country of origin	CN

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884
<https://www.phoenixcontact.com/us/products/1411884>

Technical data

Notes

General	For contact inserts HC-B16, BB32, BBB40, D40, DD72, HS6, M, K
---------	---

Product properties

Product type	Housing with screw locking
Housing type	Sleeve housing
Product family	HC-HPR-B
Series	HPR-B16
Application	Railway applications
Type	B16
No. of cable outlets	1
Type of the screw connection	1x M40
Type	Tall design
Protective cover	no
Cable outlet	lateral
Pg screw connection	none

Dimensions

Dimensional drawing	
Width	59.2 mm
Height	110.5 mm
Length	166.2 mm

Material specifications

Housing material	die-cast aluminum
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (0.5 bar / 24 h)
	IP69 (ISO 20653:2013-02)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

Mechanical properties

Mechanical data

Type of the screw connection	1x M40
Locking type	Screw

Mounting

Assembly note	M6 locking screw, slotted hexagon head screw (SW10), tightening torque: 4 Nm
---------------	---

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing

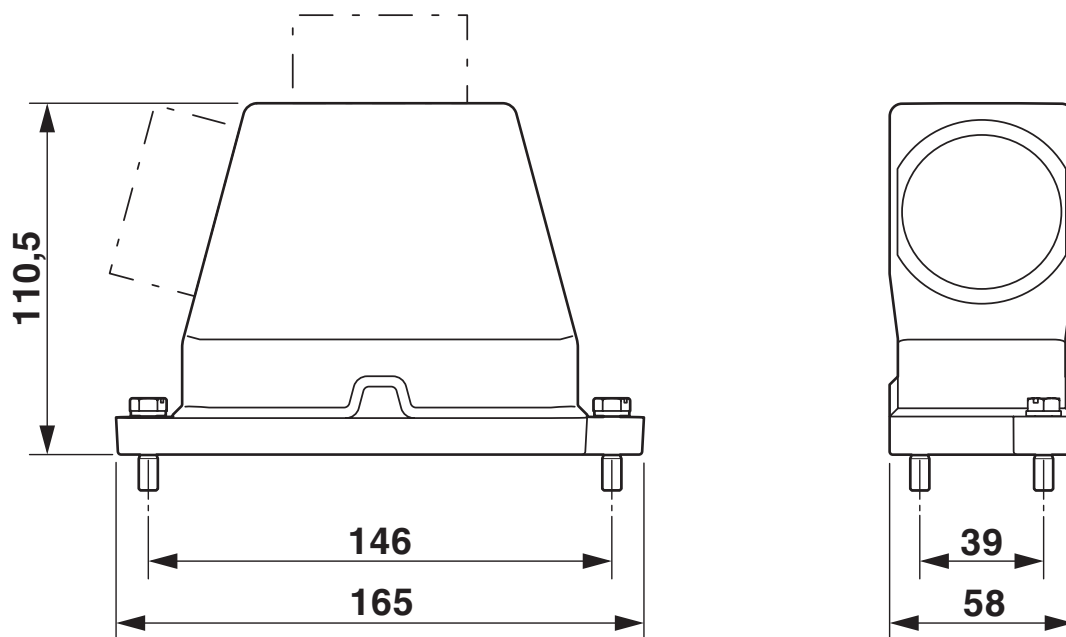
1411884

<https://www.phoenixcontact.com/us/products/1411884>



Drawings

Dimensional drawing



Dimensional drawing

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411884>

DNV

Approval ID: TAE000037S



EAC

Approval ID: RU C-DE.AI30.B.01102



EAC

Approval ID: RU C-DE.BL08.B.00511

Classifications

ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

ETIM

ETIM 9.0	EC000437
----------	----------

UNSPSC

UNSPSC 21.0	31261500
-------------	----------

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%

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

Accessories

G-INS-M40-M68N-PNES-GY - Cable gland

1411128

<https://www.phoenixcontact.com/us/products/1411128>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver-grey RAL 7001

G-INS-M40-M68N-PNES-BK - Cable gland

1411137

<https://www.phoenixcontact.com/us/products/1411137>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: jet black RAL 9005

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing

1411884

<https://www.phoenixcontact.com/us/products/1411884>



G-INS-M40-M68N-NNES-S - Cable gland

1411167

<https://www.phoenixcontact.com/us/products/1411167>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver, with O-ring

HC-M-KV-M40(27-34) - Cable gland

1607729

<https://www.phoenixcontact.com/us/products/1607729>



Metal screw connection up to 5 bar, thread length: 8 mm, cable diameter: 27 ... 34 mm, WAF 50, screw connection: M40

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

G-INSEC-M40-M68N-NCRS-S - Cable gland

1411192

<https://www.phoenixcontact.com/us/products/1411192>



Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 19 mm ... 27 mm, shielding: yes, connecting thread: M40 x 1.5, color: silver, with O-ring

HC-M-KV-Z-M40 - Cable gland

1646175

<https://www.phoenixcontact.com/us/products/1646175>



Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 24 - 33 mm, clamping area: 26 - 36 mm, SW 50, screw connection: M40

HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

REDUC-M-KV-M40/M32 - Reducing adapter

1647640

<https://www.phoenixcontact.com/us/products/1647640>

Reducing adapter, connecting thread: M40 x 1.5, color: silver, with O-ring



HC-M-BS-M40 - Screw plug

1645875

<https://www.phoenixcontact.com/us/products/1645875>

Screw plug, material for screw connection: Brass, nickel-plated, connecting thread: M40 x 1.5, color: silver



HC-HPR-B16-HHWH-1STM40-EM-BK - Housing



1411884

<https://www.phoenixcontact.com/us/products/1411884>

US-EMLP-HA (20X9) - Plastic label

0830989

<https://www.phoenixcontact.com/us/products/0830989>



Plastic label, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

US-EMLP-HA (20X9) CUS - Plastic label

0830995

<https://www.phoenixcontact.com/us/products/0830995>



Plastic label, Card, white, labeled, can be labeled with: THERMOMARK CARD, mounting type: adhesive, lettering field size: 20 x 9 mm, Number of individual labels: 70

Phoenix Contact 2024 © - 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