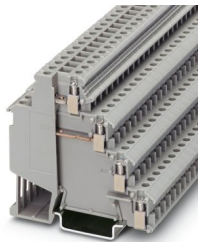


2718196

<https://www.phoenixcontact.com/us/products/2718196>

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.



Initiator/actuator terminal block, nom. voltage: 250 V, nominal current: 24 A, connection method: Screw connection, 3rd and 4th level, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- This terminal block has 2 feed-through levels and 2 busbar levels
- It is used for programmable or self-monitoring initiators which are additionally controlled via the second feed-through level

Commercial data

Item number	2718196
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1218
Catalog page	Page 487 (C-1-2019)
GTIN	4017918062262
Weight per piece (including packing)	19.44 g
Weight per piece (excluding packing)	19.44 g
Customs tariff number	85369010
Country of origin	PL

VIOK 1,5-2D - Initiator/actuator terminal block



2718196

<https://www.phoenixcontact.com/us/products/2718196>

Technical data

Product properties

Product type	Sensor/actuator terminal block
Number of connections	6
Number of rows	4
Potentials	4

Data management status

Article revision	03
------------------	----

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	1
Nominal cross section	2.5 mm ²

3rd and 4th level

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	24 A
Maximum load current	26 A (with a 2.5 mm ² conductor cross section)

VIOK 1,5-2D - Initiator/actuator terminal block



2718196

<https://www.phoenixcontact.com/us/products/2718196>

Nominal voltage	250 V
Nominal cross section	2.5 mm ²

Dimensions

Width	6.2 mm
Height	73 mm
Depth on NS 35/7,5	70 mm
Depth on NS 35/15	77.5 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-40 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Electrical tests

Surge voltage test

Result	Test passed
--------	-------------

Temperature-rise test

Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
Short-time withstand current 2.4 mm ²	0.3 kA
	0.3 kA
Result	Test passed

Power-frequency withstand voltage

Test voltage setpoint	1.5 kV
Result	Test passed

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Mechanical tests

Mechanical strength

Result	Test passed
--------	-------------

Attachment on the carrier

DIN rail/fixing support	NS 32/NS 35
Result	Test passed

VIOK 1,5-2D - Initiator/actuator terminal block



2718196

<https://www.phoenixcontact.com/us/products/2718196>

Test for conductor damage and slackening

Rotation speed	10 (+/- 2) rpm
Revolutions	135
Conductor cross section/weight	0.2 mm ² / 0.2 kg
	2.5 mm ² / 0.7 kg
	4 mm ² / 0.9 kg
Result	Test passed

Environmental and real-life conditions

Needle-flame test

Time of exposure	30 s
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see 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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

Mounting

Mounting type	NS 35/7,5
	NS 35/15

VIOK 1,5-2D - Initiator/actuator terminal block

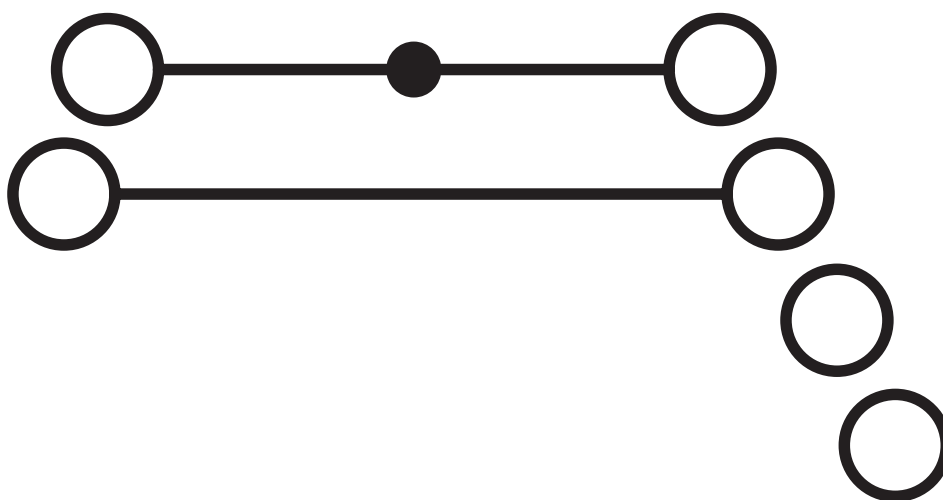


2718196

<https://www.phoenixcontact.com/us/products/2718196>

Drawings

Circuit diagram



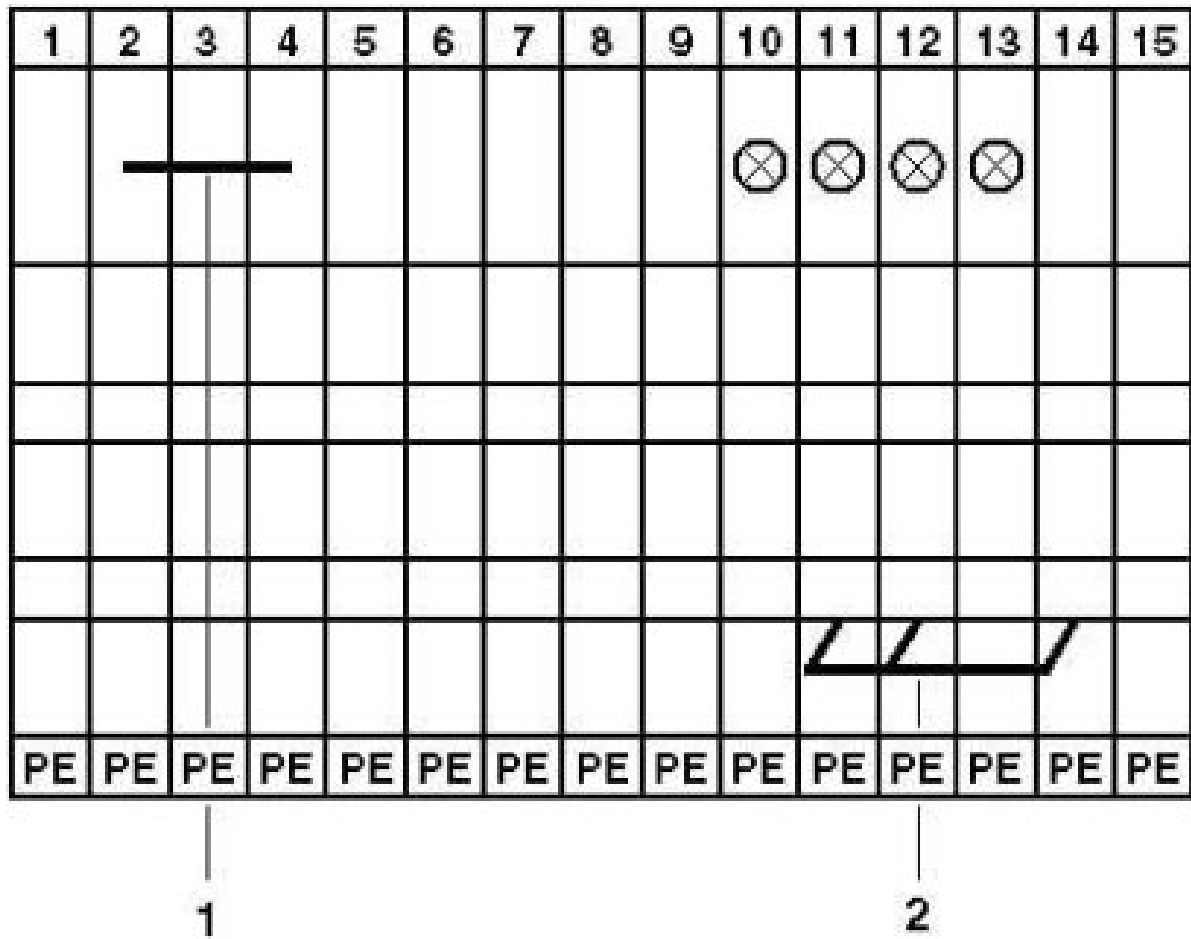
VIOK 1,5-2D - Initiator/actuator terminal block



2718196

<https://www.phoenixcontact.com/us/products/2718196>

Circuit diagram



VIOK 1,5-2D - Initiator/actuator terminal block



2718196

<https://www.phoenixcontact.com/us/products/2718196>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2718196>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	300 V	15 A	28 - 14	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
---	--	--	--	--

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	15 A	30 - 14	-
Use group C				
	150 V	15 A	30 - 14	-
Use group F				
	-	-	30 - 14	-
Use group D				
	150 V	15 A	30 - 14	-

VIOK 1,5-2D - Initiator/actuator terminal block



2718196

<https://www.phoenixcontact.com/us/products/2718196>

Classifications

ECLASS

ECLASS-11.0	27141128
ECLASS-12.0	27141128
ECLASS-13.0	27250112

ETIM

ETIM 9.0	EC000900
----------	----------

UNSPSC

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

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%