

Feed-through terminal block - UK 6 N YE - 0719249


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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Feed-through terminal block, nom. voltage: 800 V, nominal current: 41 A, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, width: 8.2 mm, color: yellow, mounting type: NS 35/7,5, NS 35/15



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 955069
GTIN	4017918955069

Technical data

General

Number of positions	1
Number of levels	1
Number of connections	2
Nominal cross section	6 mm ²
Color	yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W
Maximum load current	57 A (with 10 mm ² conductor cross section)
Nominal current I _N	41 A
Nominal voltage U _N	800 V
Open side panel	Yes
Relative insulation material temperature index (Elec., UL 746 B)	130 °C

Feed-through terminal block - UK 6 N YE - 0719249

Technical data

General

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

Dimensions

Width	8.2 mm
End cover width	1.8 mm
Length	42.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	4 mm ²

Feed-through terminal block - UK 6 N YE - 0719249

Technical data

Connection data

2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Stripping length	10 mm
Internal cylindrical gage	A5
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Feed-through terminal block - UK 6 N YE - 0719249

Approvals


Approvals


CSA / UL Recognized / KEMA-KEUR / cUL Recognized / LR / PRS / NK / LR / EAC / IECCEB Scheme / DNV GL / LR / cULus Recognized


Ex Approvals


IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex / GL / cULus Recognized

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		600 V	
Nominal current IN		50 A	
mm ² /AWG/kcmil		26-8	


UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
Nominal voltage UN		600 V	
Nominal current IN		50 A	
mm ² /AWG/kcmil		26-8	

KEMA-KEUR		http://www.dekra-certification.com	71-102523
Nominal voltage UN		800 V	
Nominal current IN		41 A	
mm ² /AWG/kcmil		6	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
Nominal voltage UN		600 V	
Nominal current IN		50 A	
mm ² /AWG/kcmil		26-8	


Feed-through terminal block - UK 6 N YE - 0719249

Approvals


LR		http://www.lr.org/en	96/20013
Nominal voltage UN		800 V	
Nominal current IN		41 A	
mm ² /AWG/kcmil		6	

PRS		http://www.prs.pl/	TE/1824/880590/09
-----	---	--	-------------------

NK		http://www.classnk.or.jp/hp/en/	09 ME 141
----	---	---	-----------

LR		http://www.lr.org/en	96/20013
Nominal voltage UN		800 V	
Nominal current IN		57 A	
mm ² /AWG/kcmil		10	


EAC		EAC-Zulassung	
-----	---	---------------	--


IECEE CB Scheme		http://www.iecee.org/	NL-39958_A1
Nominal voltage UN		800 V	
Nominal current IN		41 A	
mm ² /AWG/kcmil		6	

DNV GL	http://exchange.dnv.com/tari/	TAE00001CT
--------	---	------------

Feed-through terminal block - UK 6 N YE - 0719249

Approvals

LR		http://www.lr.org/en	96/20013
Nominal voltage UN		800 V	
Nominal current IN		24 A	
mm ² /AWG/kcmil		2.5	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
------------------	---	---

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>