

Ground modular terminal block - USLKG 35 N - 3074143

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>)



Ground modular terminal block, Connection method: Screw connection, Cross section: 10 mm² - 35 mm², AWG: 8 - 2, Width: 16 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	79.6 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	35 mm ²
Color	green-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
Open side panel	No
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	Not guaranteed
Finger protection	Not guaranteed
Oscillation, broadband noise test result	Test passed

Ground modular terminal block - USLKG 35 N - 3074143

Technical data

General

Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$1.857 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	0,8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	16 mm
Length	53.4 mm
Height NS 35/7,5	62 mm
Height NS 35/15	69.5 mm

Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section solid min.	10 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section AWG min.	8
Conductor cross section AWG max.	2
Conductor cross section flexible min.	10 mm ²
Conductor cross section flexible max.	35 mm ²
Min. AWG conductor cross section, flexible	8
Max. AWG conductor cross section, flexible	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²

Ground modular terminal block - USLKG 35 N - 3074143

Technical data

Connection data

Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	6 mm ²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	6 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²
Stripping length	16 mm
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-2
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141
eCl@ss 9.0	27141141

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901

Ground modular terminal block - USLKG 35 N - 3074143

Classifications

ETIM

ETIM 5.0	EC000901
----------	----------

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Drawings

Circuit diagram

