



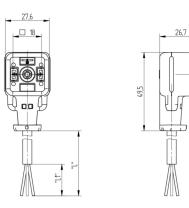
Product: GAN21LU-V2Y-609

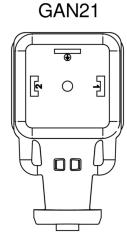
GAN DIN Standard Single-Ended Cordset: Form A, 3-pin (2+1PE; PE across cable outlet), grey translucent body, with varistor and yellow LED, 230 V AC/DC, 10 A; PVC grey cable, 0.75 mm²

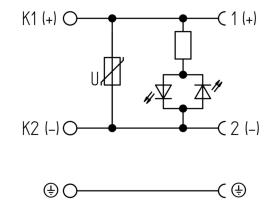
Product Description

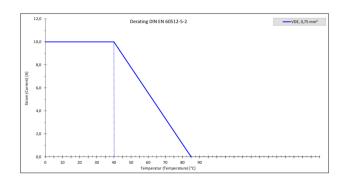
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Technical Drawing









Technical Specifications

Face View		
Pin 1 Pin 2 PE		
brown blue green-yellow		
Technical Data		
Product Family:	Valve Connectors	

Product Sub Family:	GAN
Brand:	Hirschmann
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Female
Connector Design:	Angled
Number of Pins:	2+PE (PE across cable outlet)
Coding:	A
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)
Operating Voltage:	230 V AC/DC
Rated Current*:	10 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 50
Ambient Temperature (Operation)*:	-25 °C - +85 °C (With additional 934-887-001 gasket : -40 °C - +105 °C)
Protection Degree / IP Rating**:	IP65, IP67 (IP69K: without additional gasket; max. +80 °C)
Design Standard:	DIN EN 175301-803-A, ISO 4400
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Sn
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	TPE
Molded Body Color:	Grey translucent
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Steel, Philips combi slot
Gasket Material:	Molded Integrated Gasket

Protection Circuitry

Function Indicator:	Yellow LED
Protective Circuit:	Varistor

Fastening Torque (Attachment):	(50-60) Ncm
Cable Data	
Cable Number:	609
Conductor Size:	0.75 mm ²
Number of Wires:	3
Minimal Bending Radius (Fixed Inst):	>5xD
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Си
Cable Jacket Material:	PVC
Cable Jacket Color:	grey
Cable Diameter D:	ø 5.5 ± 0.2 mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.70 mm
Ambient Temperature (Fixed Installation):	- 40 °C - + 105 °C
Ambient Temperature (Flex Installation):	+5 °C - + 105 °C
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2
Cable Characteristics:	free off lacquer wetting disturbing substances, good chemical and oil resistance, Exclusion of Silicon

Approvals

VDE:	yes	
Safety & Environmental Compliance		
RoHS Compliant:	yes	
Resistances		
Halogenfree:	no	
Oil Resistance:	IEC 60811:404	
Notes		
Note Derating:	Notice derating	

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description	Cable Length
13281	GAN21LU-V2Y-6090500-1UC	5 m

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