



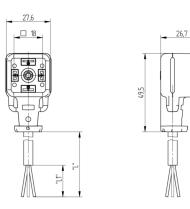
Product: GAN22LU-S24-212

GAN DIN Standard Single-Ended Cordset: Form A, 3-pin (2+2PE), grey translucent body, with supressor diode and yellow LED, 24 V AC/DC, 6 A; PVC black cable, 0.50 mm²

Product Description

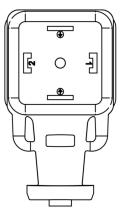
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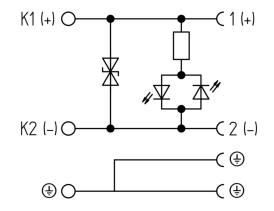
Technical Drawing

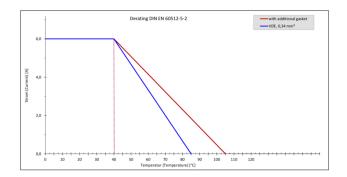












Technical Specifications

Face Vi	ew		
Pin 1	Pin 2	PE1	PE2
brown	blue	green-yellow	green-yellow
'echr	nical	Data	
Product Family:			

Product Sub Family:	GAN	
Brand:	Hirschmann	
Connector Type:	Cordset, single ended	
Type of Contact / Gender:	Female	
Connector Design:	Angled	
Number of Pins:	2+2 PE	
Coding:	A	
Shielding:	Unshielded	
Attachment Type:	Central Screw	
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)	
Operating Voltage:	24 V AC/DC	
Rated Current*:	6 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:	Supressor diode

Additional Technical Data

Fastening Torque (Attachment):	(50-60) Ncm				
Cable Data					
Cable Number:	212				
Conductor Size:	0.5 mm ²				
Number of Wires:	3				
Minimal Bending Radius (Fixed Inst):	>5xD				
Minimal Bending Radius (Flexible Inst):	> 10 x D				
Conductor material:	Cu				
Cable Jacket Material:	PVC				
Cable Jacket Color:	black				
Cable Diameter D:	ø 5.0 ± 0.2 mm				
Wire Insulation Material:	PVC				
Insulated Wire Diameter:	ø 1.70 mm				
Ambient Temperature (Fixed Installation):	- 40 °C - + 70 °C				
Ambient Temperature (Flex Installation):	+ 5 °C - + 70 °C				
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2				
Cable Characteristics:	Free of lacquer wetting disturbing substances; Exclusion of silicone				

Approvals

•					
Resistances					
hemical and oil resistance					
:ł					

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
934889033	GAN22LU-S24-2120200-1UC	2 m
934889034	GAN22LU-S24-2120500-1UC	5 m
21081	GAN22LU-S24-2122000-1UA	20 m

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