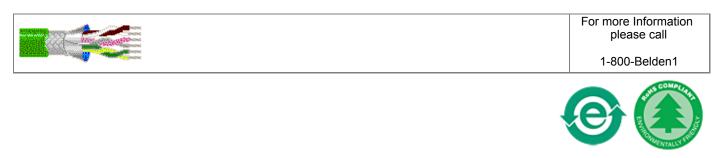


3120A Multi-Conductor - DeviceBus® for Phoenix Contact InterBus®-S



Description

24 AWG stranded tinned copper conductors, PE insulation, overall Beldfoil® shield (100% coverage) plus a tinned copper braid (90% coverage), polyurethane jacket.

Physical Characteristics (Overall):

Conductor: AWG			
# Pairs AWG Stranding Conductor Material	Dia. (in.)		
3.000 24.000 7x32 TC - Tinned Copper	0.024		
Insulation: Insulation Material			
Ins Material PE - Polyethylene			
Outer Shield			
Outer Shield Material	Obiold Motorial	2/ O	
	Shield Material	% Coverage (%) 100	
	C - Tinned Copper	90	
Outer Jacket:			
Outer Jacket Material			
Outer Jacket MaterialNom. Wall Thickness (in.)PUR - Polyurethane0.035			
Overall Cabling:	-		
Overall Nominal Diameter:	.277 in.		
Pair:			
Pair Color Code Chart Number Color			
1 White & Brown			
2 Pink & Gray			
3 Yellow & Green			
Mechanical Characteristics (Overall):			
Operating Temperature Range	-40°C To +80°C	;	
UL Temperature Rating	80°C (UL AWM	Style 20233)	
Bulk Cable Weight:	54 lbs/1000 ft.		
Max. Recommended Pulling Tension:	33 lbs.		
Min. Bend Radius (Install):	3 in.		
Applicable Specifications and Agency Con	npliance (Overal):	
Applicable Standards: AWM Specification	UL Style 20233	(300 V 80°C)	
EU CE Mark (Y/N)	Yes	(000 0 00 0)	
EU RoHS Compliant (Y/N)	Yes		
EU RoHS Compliance Date (mm/dd/www)	01/01/2004		

EU RoHS Compliance Date (mm/dd/yyyy)



Suitability: Sunlight Resistance	High	
Plenum/Non-Plenum:		
Plenum (Y/N)	Ν	
ectrical Characteristics (Overall):		
Nom. Characteristic Impedance		
Impedance (Ohm) 100.000		
Nom. Capacitance Conductor to Shield		
Capacitance (pF/ft) 15.400		
Nominal Velocity of Propagation		
VP (%) 66		
Nom. Conductor DC Resistance		
DCR @ 20°C (Ohm/1000 ft) 26.000		
Max. Operating Voltage - UL		
Voltage 300 V RMS (UL AWM Style 20233)		
Max. Recommended Current		
Current 2.7 Amps per conductor @ 25°C		
Nominal Outer Shield DC Resistance		
DCR @ 20°C (Ohm/1000 ft) 2.700		
otes (Overall):		

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Notes Oil Resistance: High

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
3120A G7W1000	1,000 FT	49.000 LB	GREEN, MATTE	С	3 PR #24 PE SH PU GRNMTT
3120A G7W500	500 FT	26.000 LB	GREEN, MATTE	С	3 PR #24 PE SH PU GRNMTT

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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