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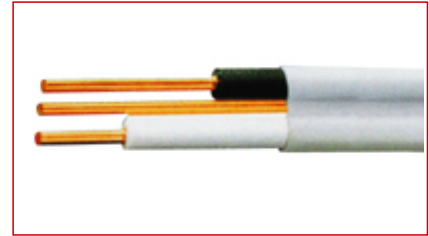
NMD90 CANADEx® 300 Volts 90°C

Description

CSA File #LL23462 Class 5821 02

Two or three copper conductors, or three ACM aluminum conductors, with 90°C PVC Nylon T90 Nylon insulation. Bare bonding wire and overall jacket of moisture resistant and flame retardant PVC, with FT1 rating.

Rated 300 volts. RoHS compliant.



Application

For open or concealed wiring in dry or damp locations where not exposed to mechanical injury.

Minimum recommended handling temperature minus 25°C for 2 conductor cables and minus 10°C for 3 conductor cables (with suitable handling procedures).

Maximum conductor temperature 90°C.

Approved for use with ceiling fixtures.

Standards

National CSA C22.2 N° 48

Characteristics

Electrical characteristics

Maximum operating voltage	300 V
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Usage characteristics

Maximum operating temperature	90 °C
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NMD90 CANADEx® 300 Volts 90°C

NMD90 CANADEx® Cu 300 Volts 90°C

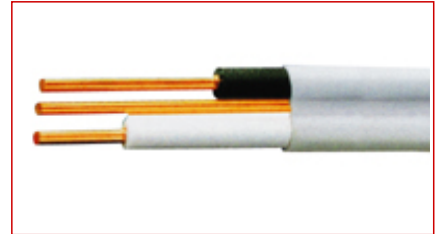
Nexans ref.: Copper/Cuivre

Description

CSA File #LL23462 Class 5821 02

Two or three copper conductors, with 90°C PVC Nylon T90 Nylon insulation. Bare bonding wire and overall jacket of moisture resistant and flame retardant PVC, with FT1 rating.

Rated 300 volts. RoHS compliant.



Application

For open or concealed wiring in dry or damp locations where not exposed to mechanical injury.

Minimum recommended handling temperature minus 25°C for 2 conductor cables and minus 10°C for 3 conductor cables (with suitable handling procedures).

Maximum conductor temperature 90°C.

Approved for use with ceiling fixtures.

Standards

National CSA C22.2 N° 48

Characteristics

Construction characteristics	
Conductor material	Copper
Electrical characteristics	
Maximum operating voltage	300 V
Usage characteristics	
Maximum operating temperature	90 °C

NMD90 CANADEx® 300 Volts 90°C

NMD90 CANADEx® Cu 300 Volts 90°C

Nexans ref.: Copper/Cuivre

NMD90 CANADEx® 300 Volts 90°C

Size AWG	Number of Conductors	Bonding Wire Size AWG (Copper)	Insulation Thickness		Nylon Thickness		Jacket Thickness		Approximate Overall Dimensions		Approximate Net Cable Weight		Ampacity 30°C Ambient
			mm	in	mm	in	mm	in	mm	in	kg/km	lbs/kft	A
14 (1)	2	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	4.9 x 9.9	0.19 x 0.39	99	67	15
12 (1)	2	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	5.3 x 10.7	0.21 x 0.42	127	85	20
10 (1)	2	12 (1)	0.76	0.030	0.10	0.004	0.76	0.030	5.9 x 12.2	0.23 x 0.48	181	122	30
									(diameter)				
14 (1)	3	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	8.8	0.35	126	85	15
12 (1)	3	14 (1)	0.76	0.030	0.10	0.004	0.76	0.030	9.7	0.38	166	112	20
10 (1)	3	12 (1)	0.76	0.030	0.10	0.004	0.76	0.030	10.9	0.43	239	161	30
8 (7)	3	10 (1)	0.89	0.035	0.12	0.005	1.14	0.045	14.1	0.56	391	263	45
6 (7)	3	8 (7)	1.14	0.045	0.15	0.006	1.14	0.045	17.2	0.68	601	404	65
4 (7)	3	8 (7)	1.14	0.045	0.15	0.006	1.52	0.060	20.3	0.80	876	589	85
3 (7)	3	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	22.8	0.90	1136	763	105
2 (7)	3	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	24.4	0.96	1355	911	120

Selling information

Jacket Colours:

#14 AWG - White 2 & 3C #14 for General Application

- Blue 2C#14 for Bedroom Outlets terminating at Arc Fault Circuit Interrupters (AFCI)

#12 AWG - Yellow

#10 AWG - Orange

#8 AWG and larger - White

Insulation Colours:

2 Conductors - Black, White

3 Conductors - Black, Red, White

NMD90 CANADEX® 300 Volts 90°C

NMD90 CANADEX® AI 300 Volts 90°C

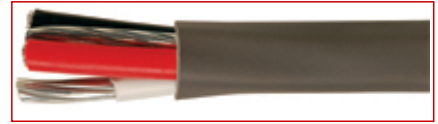
Nexans ref.: Aluminum/Aluminium

Description

CSA File #LL23462 Class 5821 02

Three ACM aluminum conductors, with 90°C PVC Nylon T90 Nylon insulation. Bare bonding wire an overall jacket of moisture resistant and flame retardant PVC, with FT1 rating.

Rated 300 volts. RoHS compliant.



Standards

National CSA C22.2 N° 48

Application

For open or concealed wiring in dry or damp locations where not exposed to mechanical injury.

Minimum recommended handling temperature minus 10°C for 3 conductor cables (with suitable handling procedures).

Maximum conductor temperature 90°C.

Characteristics

Construction characteristics	
Conductor material	Aluminum
Electrical characteristics	
Maximum operating voltage	300 V
Usage characteristics	
Maximum operating temperature	90 °C

NMD90 CANADEx® 300 Volts 90°C

NMD90 CANADEx® AI 300 Volts 90°C

Nexans ref.: Aluminum/Aluminium

NMD90 CANADEx® AI 300 Volts 90°C

Size AWG	Number of Conductors	Bonding Wire Size AWG (Aluminum)	Insulation Thickness		Nylon Thickness		Jacket Thickness		Approximate Overall Dimensions		Approximate Net Cable Weight		Ampacity 30°C Ambient
			mm	in	mm	in	mm	in	mm	in	kg/km	lbs/kft	A
8 (7)	3	10 (1)	0.89	0.035	0.12	0.005	1.14	0.045	13.7	0.54	192	129	30
6 (7)	3	8 (7)	1.14	0.045	0.15	0.006	1.14	0.045	16.6	0.65	285	192	55
4 (7)	3	6 (7)	1.14	0.045	0.15	0.006	1.52	0.060	19.8	0.78	418	281	65
2 (7)	3	6 (7)	1.14	0.045	0.15	0.006	2.03	0.080	23.5	0.93	606	407	95

Selling information

Jacket Colours: Grey

Insulation Colours: Black, Red, White