

Copper Clad Steel Conductor



FEATURES

Individual strands feature steel core with copper cladding

Available in either 30% or 40% conductivity

SPECIFICATIONS

Table 1/2

Catalog Number	Material	Conductor Type	Insulated	Conductor Size	Number of Wires	Insulation Thickness
30CCSIN16	Copper, Polyvinylchloride, Steel	30% Conductivity Copper-Clad Steel	Yes	16 mm ² Stranded	7	1 mm
30CCSIN25	Copper, Polyvinylchloride, Steel	30% Conductivity Copper-Clad Steel	Yes	25 mm ² Stranded	7	1.1 mm
30CCSIN35	Copper, Polyvinylchloride, Steel	30% Conductivity Copper-Clad Steel	Yes	35 mm ² Stranded	7	1.2 mm
30CCSIN50	Copper, Polyvinylchloride, Steel	30% Conductivity Copper-Clad Steel	Yes	50 mm ² Stranded	19	1.3 mm

CatalogNumber	Material	ConductorType	Insulated	Conductor Size	Number of Wires	Insulation Thickness
30CCSIN70	Copper, Polyvinylchloride, Steel	30% Conductivity Copper-Clad Steel	Yes	70 mm ² Stranded	19	1.3 mm
30CCSIN95	Copper, Polyvinylchloride, Steel	30% Conductivity Copper-Clad Steel	Yes	95 mm ² Stranded	19	1.4 mm
30CCS16	Copper, Steel	30% Conductivity Copper-Clad Steel	No	16 mm ² Stranded	7	
30CCS50	Copper, Steel	30% Conductivity Copper-Clad Steel	No	50 mm ² Stranded	19	
40CCS16	Copper, Steel	40% Conductivity Copper-Clad Steel	No	16 mm ² Stranded	7	
40CCS50	Copper, Steel	40% Conductivity Copper-Clad Steel	No	50 mm ² Stranded	19	
30CCS150	Copper, Steel	30% Conductivity Copper-Clad Steel	No	150 mm ² Stranded	37	
30CCS240	Copper, Steel	30% Conductivity Copper-Clad Steel	No	240 mm ² Stranded	61	
30CCS25	Copper, Steel	30% Conductivity Copper-Clad Steel	No	25 mm ² Stranded	7	
30CCS70	Copper, Steel	30% Conductivity Copper-Clad Steel	No	70 mm ² Stranded	19	
40CCS150	Copper, Steel	40% Conductivity Copper-Clad Steel	No	150 mm ² Stranded	37	

CatalogNumber	Material	ConductorType	Insulated	Conductor Size	Number of Wires	Insulation Thickness
40CCS240	Copper, Steel	40% Conductivity Copper-Clad Steel	No	240 mm ² Stranded	61	
40CCS25	Copper, Steel	40% Conductivity Copper-Clad Steel	No	25 mm ² Stranded	7	
40CCS70	Copper, Steel	40% Conductivity Copper-Clad Steel	No	70 mm ² Stranded	19	
30CCS185	Copper, Steel	30% Conductivity Copper-Clad Steel	No	185 mm ² Stranded	37	
30CCS300	Copper, Steel	30% Conductivity Copper-Clad Steel	No	300 mm ² Stranded	61	
30CCS35	Copper, Steel	30% Conductivity Copper-Clad Steel	No	35 mm ² Stranded	7	
30CCS95	Copper, Steel	30% Conductivity Copper-Clad Steel	No	95 mm ² Stranded	19	
40CCS185	Copper, Steel	40% Conductivity Copper-Clad Steel	No	185 mm ² Stranded	37	
40CCS300	Copper, Steel	40% Conductivity Copper-Clad Steel	No	300 mm ² Stranded	61	
40CCS35	Copper, Steel	40% Conductivity Copper-Clad Steel	No	35 mm ² Stranded	7	
40CCS95	Copper, Steel	40% Conductivity Copper-Clad Steel	No	95 mm ² Stranded	19	

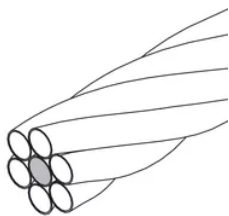
CatalogNumber	Material	ConductorType	Insulated	Conductor Size	Number of Wires	Insulation Thickness
30CCS120	Copper, Steel	30% Conductivity Copper-Clad Steel	No	120 mm ² Stranded	19	
40CCS120	Copper, Steel	40% Conductivity Copper-Clad Steel	No	120 mm ² Stranded	19	

Table 2/2

Catalog Number	Wire Diameter	Cable Diameter Range	Cable Length
30CCSIN16	1.7mm	5.1 mm	100m
30CCSIN25	2.14mm	6.4 mm	100m
30CCSIN35	2.52mm	7.6 mm	100m
30CCSIN50	1.78mm	9.1 mm	100m
30CCSIN70	2.14mm	10.7 mm	100m
30CCSIN95	2.52mm	12.6 mm	100m
30CCS16	1.7mm	5.1 mm	2000m
30CCS50	1.78mm	9.1 mm	500m
40CCS16	1.7mm	5.1 mm	1000m
40CCS50	1.78mm	9.1 mm	1000m
30CCS150	2.25mm	15.9 mm	200m
30CCS240	2.25mm	21 mm	100m
30CCS25	2.14mm	6.4 mm	1000m

Catalog Number	Wire Diameter	Cable Diameter Range	Cable Length
30CCS70	2.14mm	10.7 mm	500m
40CCS150	2.25mm	15.9 mm	1000m
40CCS240	2.25mm	21 mm	1000m
40CCS25	2.14mm	6.4 mm	1000m
40CCS70	2.14mm	10.7 mm	1000m
30CCS185	2.52mm	17.7 mm	200m
30CCS300	2.52mm	24.1 mm	100m
30CCS35	2.52mm	7.6 mm	1000m
30CCS95	2.52mm	12.6 mm	300m
40CCS185	2.52mm	17.7 mm	1000m
40CCS300	2.52mm	24.1 mm	1000m
40CCS35	2.52mm	7.6 mm	1000m
40CCS95	2.52mm	12.6 mm	1000m
30CCS120	2.8mm	14.2 mm	200m
40CCS120	2.8mm	14.2 mm	1000m

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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