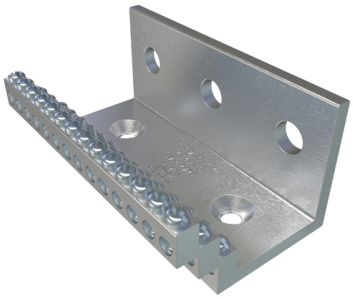

SKU: SCNM-42

UPC: 0783669960488

Features & Benefits:

Description: Aluminum Solar Combiner Node, Dual Rated, Main Conductor Range 4-14, Tap Range 1000-6, 42 Main Ports, 1-4 Tap Ports, Tin Plated, UL

Specs

Additional Class Attributes

Connection	Mechanical
Mounting Hole Type	Thru
Number of Conductors	1
Number of Conductors per Port Main	1
Number of Conductors per Port Tap	1
Number of Mounting Holes	2
Number of Poles	1
Number of Ports Tap	1

Dimensions

Dimension G (IN)	0.968
Dimension G (mm)	24.5872
Drive Size Main	NA
Drive Type Main	Slotted
Height (IN)	2.25
Height BX (IN)	2.75
Height (mm)	57.15
Length (IN)	4.936
Length (mm)	125.3744
Mounting Hole Diameter (IN)	0.343
Mounting Hole Diameter (mm)	8.7122
Mounting Hole Spacing (IN)	3
Mounting Hole Spacing (mm)	76.2
Weight (LB)	0.923
Weight BX (LB)	1.0889
Width (IN)	2.925
Width BX (IN)	5
Width (mm)	74.295

Material and Finish

Conductor Material	Copper
Connector Finish	Tin
Insulation	NA
Material	Aluminum
Wire Binding Hardware Finish	Zinc Clear Trivalent Chromate
Wire Binding Hardware Material	Steel

Additional Technical Specifications

Conductor Type	Solid

Bolt and Screw Sizes

Mounting Bolt/Stud Size	11/32
Number of Wire Binding Screws per Port	1
Wire Binding Screw Size	1/4
Wire Binding Torque	4 - 6 AWG = 35

General

Bag Quantity	1
Carton Quantity Description	STD PACK QTY 1
Dual Rated	Yes
NEMA Code	S-588-3
UPC Code	78366996048

Testing Standards

Prop65 Compliance	This product is in compliance with Prop65. It is not known to contain any chemicals associated with this regulation
UL Control Number	NA
UL / CULUS Specification	UL 486A/B Recognized
UL File Number	E6207

Environment and Temperature

Temperature Rating	90°C

Color

Color	Silver

Conductor Ranges

Conductor Range AL Solid (Secondary, tap, load)	NA
Conductor Range AL Stranded (Primary, run, main, line)	4 Str - 14 Str
Conductor Range AL Stranded (Secondary, tap, load)	1000 kcmil - 6 Str
Conductor Range CU Solid (Primary, run, main, line)	10 Sol - 14 Sol
Conductor Range CU Solid (Secondary, tap, load)	NA
Conductor Range CU Stranded (Primary, run, main, line)	4 Str - 14 Str
Conductor Range CU Stranded (Secondary, tap, load)	1000 kcmil - 6 Str
Conductor Range AL Solid (Primary, run, main, line)	10 Sol - 14 Sol
Wire Combinations	NA

Voltage

Voltage Rating	2000 V