

Steel,
Hot-dip galvanized

G



Classified by UL as
equipment grounding
conductors per NEC 392.7.
(UL File No. E60796)

GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 20A, 16B
CSA CLASS: N/A
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 4" high with 1 3/4" top flange
LOAD DEPTH: 3"
BOTTOM: 1" wide box rung
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
CONSTRUCTION: Arc welded
TRAY SERIES: Series 2 (5" tangent)

ENGINEERING INFORMATION

TRAY DESIGN: Construction and markings are per the latest edition of NEMA Standards Pub. VE1.
TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 200 ampere rating. UL Cross Sectional area: 0.70 in²
CONNECTORS: Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: 3/8 in. cadmium-plated with yellow zinc topcoat. Stainless steel hardware is available upon request.
MECHANICAL PROPERTIES:
One rail: $I_{x-x} = 1.0593 \text{ in}^3$ $S_{x-x} = 0.5860 \text{ in}^4$

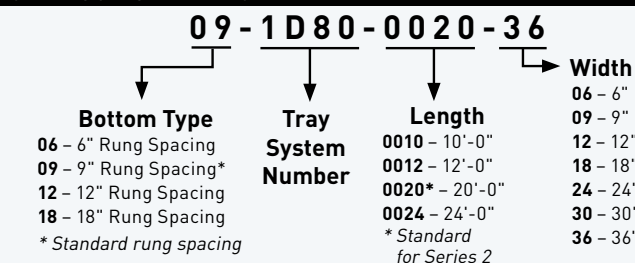
| TRAY WIDTH (IN.) | TRAY WEIGHT* (LBS./FT.) |
|------------------|-------------------------|
| 6 | 3.33 |
| 9 | 3.51 |
| 12 | 3.69 |
| 18 | 4.06 |
| 24 | 4.42 |
| 30 | 4.79 |
| 36 | 5.15 |

*Based on 9" rung spacing

SAFE LOAD DATA (LBS./FT.) / SUPPORT SPAN (FT.) / DEFLECTION (IN.)

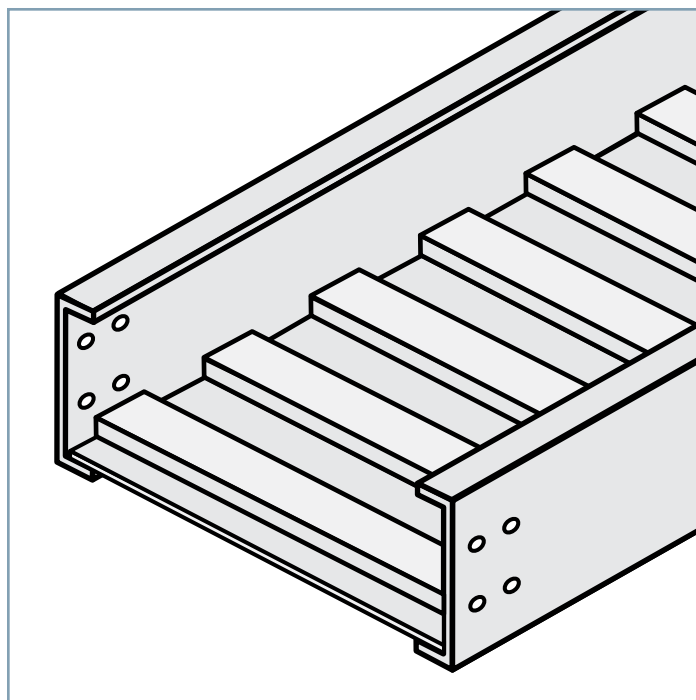
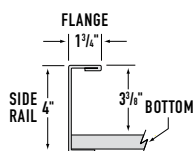
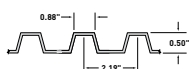
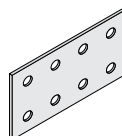
| 6 | | 8 | | 10 | | 12 | | 14 | | 16 | | 18 | | 20 | | 22 | | 24 | | 26 | | 28 | | 30 | |
|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|------|----|--|----|--|----|--|
| 439 | 0.20 | 338 | 0.51 | 216 | 0.79 | 150 | 1.14 | 110 | 1.55 | 84 | 2.02 | 67 | 2.56 | 54 | 3.16 | 44 | 3.74 | 34 | 4.07 | | | | | | |

CATALOG NUMBERING EXAMPLE:



Legrand/Cablofil

Phone 800-658-4641
618-566-3230
Fax 618-566-3250
8319 State Route 4
Mascoutah, IL 62258 USA


RAIL CROSS SECTION

BOTTOM CROSS SECTION

CONNECTOR

 Steel,
Hot-dip galvanized

G

 Classified by UL as
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conductors per NEC 392.7.
(UL File No. E60796)

GENERAL INFORMATION

| | |
|------------------------|---|
| NEMA TRAY TYPE: | Solid Corrugated |
| NEMA CLASS: | 20A, 16B |
| CSA CLASS: | N/A |
| MATERIAL: | Commercial quality steel / ASTM A-1008 / A-1011 |
| SIDE RAIL: | 4" high with 1 3/4" top flange |
| LOAD DEPTH: | 3" |
| BOTTOM: | Solid Corrugated |
| FINISH: | Hot-dip galvanized after fabrication / ASTM A-123 |
| CONSTRUCTION: | Resistance welded |
| TRAY SERIES: | Series 2 (5" tangent) |

ENGINEERING INFORMATION

TRAY DESIGN: Construction and markings are per the latest edition of NEMA Standards Pub. VE1.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 200 ampere rating. UL Cross Sectional area: 0.70 in²

CONNECTORS: Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: 3/8 in. cadmium-plated with yellow zinc topcoat. Stainless steel hardware is available upon request.

MECHANICAL PROPERTIES:
One rail: I x-x = 1.0593in³ S x-x = 0.5860in⁴

| TRAY WIDTH (IN.) | TRAY WEIGHT (LBS./FT.) |
|------------------|------------------------|
| 6 | 3.84 |
| 9 | 4.30 |
| 12 | 4.75 |
| 18 | 5.66 |
| 24 | 6.57 |
| 30 | 7.48 |
| 36 | 8.39 |

SAFE LOAD DATA (LBS./FT.) / SUPPORT SPAN (FT.) / DEFLECTION (IN.)

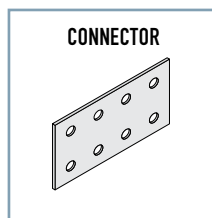
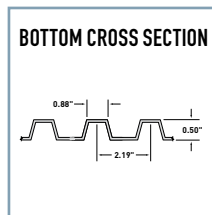
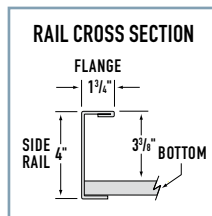
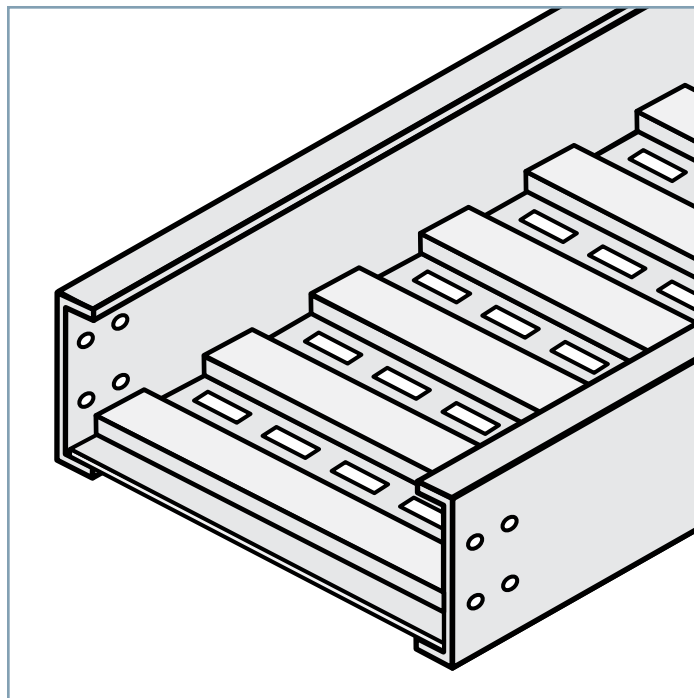
| 6 | | 8 | | 10 | | 12 | | 14 | | 16 | | 18 | | 20 | | 22 | | 24 | | 26 | | 28 | | 30 | |
|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|------|----|--|----|--|----|--|
| 439 | 0.20 | 338 | 0.51 | 216 | 0.79 | 150 | 1.14 | 110 | 1.55 | 84 | 2.02 | 67 | 2.56 | 54 | 3.16 | 44 | 3.74 | 34 | 4.07 | | | | | | |

CATALOG NUMBERING EXAMPLE:

| SC - 1D80 - 0020 - 36 | | | |
|-----------------------|--------------------|-------------------------|----------|
| Bottom Type | Tray System Number | Length | Width |
| | | | |
| SC - Solid Corrugated | | 0010 - 10'-0" | 06 - 6" |
| | | 0012 - 12'-0" | 09 - 9" |
| | | 0020* - 20'-0" | 12 - 12" |
| | | 0024 - 24'-0" | 18 - 18" |
| | | * Standard for Series 2 | 24 - 24" |
| | | | 30 - 30" |
| | | | 36 - 36" |

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GENERAL INFORMATION

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|------------------------|---|
| NEMA TRAY TYPE: | Vented Corrugated |
| NEMA CLASS: | 20A, 16B |
| CSA CLASS: | N/A |
| MATERIAL: | Commercial quality steel / ASTM A-1008 / A-1011 |
| SIDE RAIL: | 4" high with 1 3/4" top flange |
| LOAD DEPTH: | 3" |
| BOTTOM: | Vented Corrugated |
| FINISH: | Hot-dip galvanized after fabrication / ASTM A-123 |
| CONSTRUCTION: | Resistance welded |
| TRAY SERIES: | Series 2 (5" tangent) |

ENGINEERING INFORMATION

TRAY DESIGN: Construction and markings are per the latest edition of NEMA Standards Pub. VE1.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 200 ampere rating. UL Cross Sectional area: 0.70 in²

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MECHANICAL PROPERTIES:
One rail: $I_{x-x} = 1.0593 \text{ in}^3$ $S_{x-x} = 0.5860 \text{ in}^4$

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SAFE LOAD DATA (LBS./FT.) / SUPPORT SPAN (FT.) / DEFLECTION (IN.)

| 6 | | 8 | | 10 | | 12 | | 14 | | 16 | | 18 | | 20 | | 22 | | 24 | | 26 | | 28 | | 30 | |
|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|------|----|--|----|--|----|--|
| 439 | 0.20 | 338 | 0.51 | 216 | 0.79 | 150 | 1.14 | 110 | 1.55 | 84 | 2.02 | 67 | 2.56 | 54 | 3.16 | 44 | 3.74 | 34 | 4.07 | | | | | | |

CATALOG NUMBERING EXAMPLE:

| VC - 1D80 - 0020 - 36 | | | |
|--|---------------------------|---|--|
| Bottom Type VC - Vented Corrugated | Tray System Number | Length 0010 - 10'-0" 0012 - 12'-0" 0020* - 20'-0" 0024 - 24'-0" * Standard for Series 2 | Width 06 - 6" 09 - 9" 12 - 12" 18 - 18" 24 - 24" 30 - 30" 36 - 36" |

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