



Steel,
Hot-dip galvanized



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:** 20B, 16C
- CSA CLASS:** N/A
- MATERIAL:** Commercial quality steel / ASTM A-1008 / A-1011
- SIDE RAIL:** 5" high with 1 3/4" top flange
- LOAD DEPTH:** 4"
- 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 400 ampere rating. UL Cross Sectional area: 1.00 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: $I_{x-x} = 2.3334in^3$ $S_{x-x} = 1.0632in^4$

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	3.87
9	4.06
12	4.24
18	4.60
24	4.97
30	5.33
36	5.70

*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	0.11	439	0.37	304	0.62	211	0.90	155	1.22	119	1.59	94	2.02	76	2.49	61	2.92	50	3.38				

CATALOG NUMBERING EXAMPLE:

09 - 1E45 - 0020 - 36

- Bottom Type**
 - 06 - 6" Rung Spacing
 - 09 - 9" Rung Spacing*
 - 12 - 12" Rung Spacing
 - 18 - 18" Rung Spacing*
- Tray System Number**
 - 0010 - 10'-0"
 - 0012 - 12'-0"
 - 0020* - 20'-0"
 - 0024 - 24'-0"
- Length**
 - 06 - 6"
 - 09 - 9"
 - 12 - 12"
 - 18 - 18"
 - 24 - 24"
 - 30 - 30"
 - 36 - 36"

* Standard rung spacing
* Standard for Series 2

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