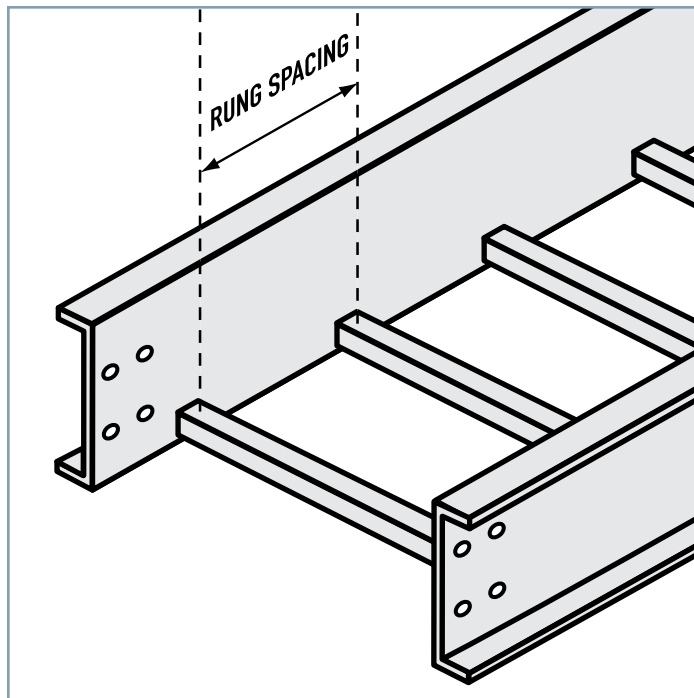


Steel,
Hot-dip galvanized

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: 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: $I_{x-x} = 2.3334 \text{ in}^3$ $S_{x-x} = 1.0632 \text{ in}^4$

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:

09-1E46-0020-36			
Bottom Type	Tray System Number	Length	Width
06 - 6" Rung Spacing		0010 - 10'-0"	06 - 6"
09 - 9" Rung Spacing*		0012 - 12'-0"	09 - 9"
12 - 12" Rung Spacing		0020* - 20'-0"	12 - 12"
18 - 18" Rung Spacing		0024 - 24'-0"	18 - 18"
* Standard rung spacing		* Standard for Series 2	24 - 24"
			30 - 30"
			36 - 36"

Legrand/Cablofil

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

Publication Date: 3/10
 Copyright © 2010 Legrand/Cablofil