


Steel,
Hot-dip galvanized

G


Legrand/Cablofil trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126.22.2.



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: 20C
CSA CLASS: E, 6M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 7" high with 1 3/4" top flange
LOAD DEPTH: 6"
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, CSA C22.2 No. 126.
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: $I_{x-x} = 4.9763 \text{ in}^3$ $S_{x-x} = 1.5260 \text{ in}^4$

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	5.81
9	5.99
12	6.18
18	6.54
24	6.91
30	7.27
36	7.64

*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	.017	439	0.42	319	0.63	235	0.86	180	1.12	142	1.42	115	1.75	93	2.11	76	2.52						

CATALOG NUMBERING EXAMPLE:

09-1754-0020-36			
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"
** Not CUL Classified			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