



Steel,
Hot-dip galvanized



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

GENERAL INFORMATION

- NEMA TRAY TYPE:** Ventilated/Trough
- NEMA CLASS:** 20C
- 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 1/4" wide hat rung
- 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 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: $I_{x-x} = 2.4125in^3$ $S_{x-x} = 1.1296in^4$

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.11
9	5.43
12	5.75
18	6.39
24	7.03
30	8.61
36	9.43

SAFE LOAD DATA (LBS./FT.) / SUPPORT SPAN (FT.) / DEFLECTION (IN.)																								
6	8		10		12		14		16		18		20		22		24		26		28		30	
	439	0.34	400	0.75	278	1.08	204	1.47	156	1.92	123	2.43	100	3.00	81	3.54	60	4.13						

CATALOG NUMBERING EXAMPLE:

VT - A555 - 0020 - 36

- Bottom Type**
VT - Ventilated/Trough
- Tray System Number**
A555
- 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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