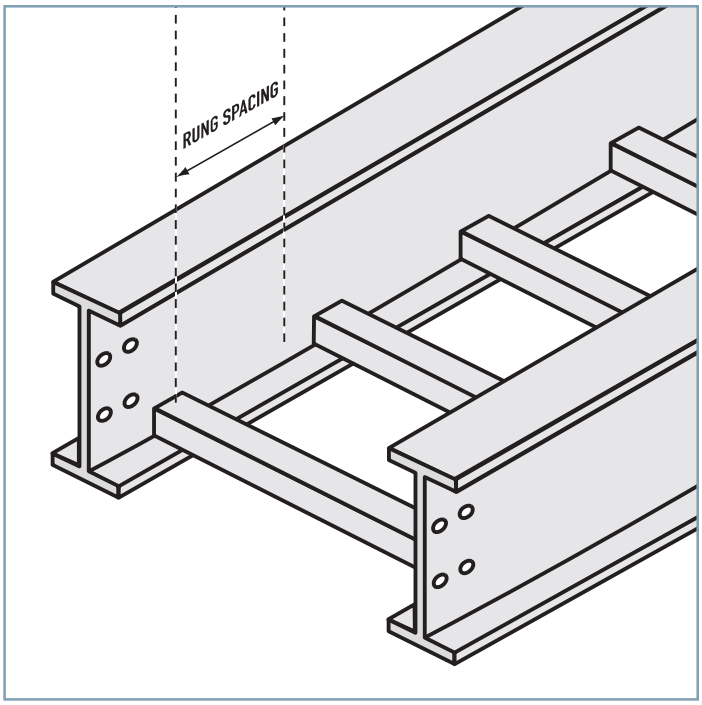
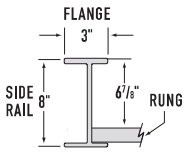
legrand® | Cablofil

PW Cable Tray

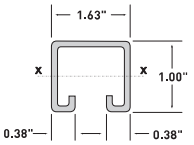
TRAY SYSTEM NUMBER **4823RS**



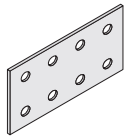
RAIL CROSS SECTION



RUNG CROSS SECTION



CONNECTOR



Aluminum **A**

CLASSIFIED UL

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:	30C
CSA CLASS:	N/A
MATERIAL:	Extruded aluminum alloy 6063-T6
SIDE RAIL:	8" high with 3" top flange
LOAD DEPTH:	7"
BOTTOM:	1-5/8" wide strut rung
FINISH:	Plain
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 2000 ampere rating. UL Cross Sectional area: 2.00 in^2

CONNECTORS: Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: $^3/_8$ in. geomet-plated steel. Stainless steel hardware is available upon request.

MECHANICAL PROPERTIES:
One rail: I x-x = 25.8053in^3 S x-x = 7.1067in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
12	7.05
18	7.39
24	7.73
30	8.08
36	8.42

**Based on 9" rung spacing*

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

10		12		16		18		20		22		24		26		28		30		34		36		40	
734	0.32	734	0.67	422	1.20	333	1.52	270	1.88	218	2.22	179	2.58	150	2.98	127	3.39	108	3.81	76	4.44	64	4.70	48	5.31

CATALOG NUMBERING EXAMPLE:

09 - 4823 - 0030 - 36

- **Bottom Type**
  - **09** – 9" Rung Spacing*
  - **12** – 12" Rung Spacing
- **Tray System Number**
- **Length**
  - **0030** – 30'-0"
  - **0040** – 40'-0"
- **Width**
  - **12** – 12"
  - **18** – 18"
  - **24** – 24"
  - **30** – 30"
  - **36** – 36"

** Standard rung spacing*

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

Publication Date: 02/16
Copyright © 2010 Legrand/Cablofil