

Data Solutions



Halogen free

SPECIFICATIONS

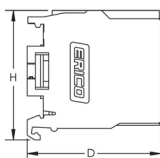
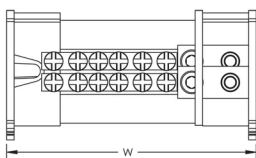
Catalog Number	BD-100-125A	BD-100-125AL
Article Number	563800	563810
Max Current Rating, IEC	125A	125A
Short Term Withstand Current (Icw) 1s	4.5kA	4.5kA
Peak Short Circuit Current (Ipk)	30kA	25kA
Max Working Voltage, IEC (Ui)	690V	690V
Line Side Number of Connections	1	1
Line Side Compact Stranded Wire Size	10 - 35 mm ²	10 - 35 mm ²
Line Side Stranded Wire Size - Ferrule	10 – 35mm ²	10 – 35mm ²
Load Side Number of Connections	6	14
Load Side Compact Stranded Wire Size	(5) 2,5 - 6 mm ² (1) 10 - 25 mm ²	(11) 2,5 - 6 mm ² (3) 10 - 25 mm ²
Load Side Stranded Wire Size - Ferrule	(5) 1,5 – 6 mm ² (1) 6 – 16 mm ²	(11) 1,5 – 6 mm ² (3) 6 – 16 mm ²
Depth (D)	1.97in	1.97in
Height (H)	1.97in	1.97in
Width (W)	3.7in	6.38in
Unit Weight	0.35lb	0.6lb
Flammability Rating	UL® 94V-0	UL® 94V-0
Complies With	IEC® 60947-7-1	IEC® 60947-7-1

ADDITIONAL PRODUCT DETAILS

Line side and load side number of connections are per pole.

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals										
Derating according to Ambient* Temperature (°F) to maintain working temperature of 185°F										
Ambient Temperature (°F)	86°	95°	104°	113°	122°	131°	140°	149°	158°	167°
Derating Coefficient (d)	1	1	1	0.94	0.88	0.82	0.75	0.67	0.58	0.47
*environment around the terminal blocks inside the enclosure										

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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