

SBLT-500 Lug-to-Tunnel Power Terminal



CERTIFICATIONS



CARACTERISTICI

Tinned copper block allows for copper or aluminum conductor connections

Accessible studs and tunnels allow for easy connection of nVent ERIFLEX Flexibar and other conductors

Design allows for visual inspection of conductor and confirmation of connection

Voltage detection and measurement connection

Adjustable transparent cover

Modular snap-together blocks for building multi-pole power blocks

Easily clips onto DIN rail or mounts to panel with screws

SBLEC Power Terminals Fixing Accessory required for direct panel mount

RoHS compliant

Halogen free

SPECIFICAȚII

Număr de catalog	SBLT-500
Article Number	561144

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Material	Copper Thermoplastic
Finish	Tinned
Max Current Rating, IEC	750A
Max Current Rating, UL/CSA	500A
Short Term Withstand Current (Icw) 1s	28.8kA
Peak Short Circuit Current (Ipk)	52kA
Short Circuit Current Rating (SCCR)	100kA
Max Working Voltage, IEC (Ui)	1000 1500
Max Working Voltage, UL (Vin)	1000
Number of Stud Connections	1
Stud Connection Conductor Width	20 – 50 mm IEC® 20 – 40 mm UL®
Stud Connection Compact Stranded Wire Size	95 – 400 mm²
Stud Connection Wire Size	#6 - 700 kcmil
Number of Tunnel Connections	2
Tunnel Connection Compact Stranded Wire Size	(2) 16 – 120 mm²
Tunnel Connection Wire Size - Ferrule	(2) 16 – 120 mm²
Tunnel Connection Wire Size	(2) #6 – 250 kcmil
Depth (D)	66mm
Height (H)	205.7 mm
Width (W)	85.1 mm
A	108 mm
Unit Weight	0.61 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-1
Complies With	IEC® 60947-7-1

DETALII SUPLIMENTARE DESPRE PRODUS

Power terminal connections are interchangeable and can be used as line side or load side connections.

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

Derating according to Ambient* Temperature (°C) to maintain working temperature of 85°C

Ambient Temperature (°C)	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°
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



AVERTIZARE

Produsele nVent trebuie instalate și utilizate numai așa cum este indicat în fișele de instrucțiuni și materialele de formare ale nVent. Fișele de instrucțiuni sunt disponibile pe www.nvent.com și de la reprezentantul dvs. de servicii clienți nVent. O instalare incorectă, o utilizare abuzivă, o aplicare greșită sau orice altă lipsă de respectare completă a instrucțiunilor și avertismentelor nVent poate duce la defectarea produsului, la deteriorarea proprietății, la răniri corporale grave și moarte și/sau poate anula garanția dvs.

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Option 1 – Customer Care

Option 2 – Technical

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Portofoliul nostru puternic de mărci:

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