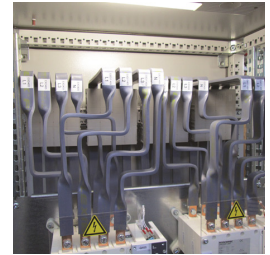
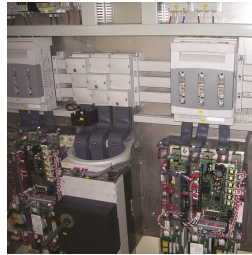
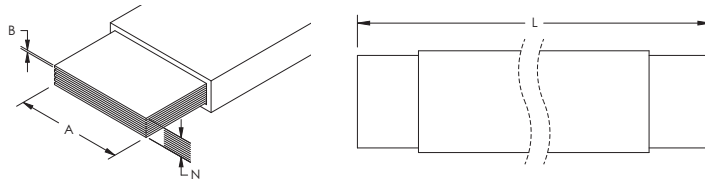


nVent ERIFLEX Flexibar Summum, Halogen Free – FLEXSM2MRC4X32 (566640)



- Halogen free solution for applications requiring a low smoke solution
- Thin layers of bare electrolytic copper formed into a stack
- Silver or tinned nVent ERIFLEX Flexibar Summum available on request
- Insulated by halogen-free, high-temperature silicone
- Easily bent, folded, and twisted, improving assembly flexibility, shortening connections, and decreasing footprint
- Dramatically smaller and more flexible than comparable cable based on ampacity
- Better power density than cable with lower skin effect ratio
- Connections made by punching and bolting directly through the copper laminates, clamping onto the end of the nVent ERIFLEX Flexibar, or welding using nVent ERICO Cadweld
- No lugs needed, reducing installation time and improving resistance to vibration
- Weight savings and material savings compared to wire alternatives
- Reduces total installation cost
- Very high resistance to UV and ozone
- Limiting oxygen index (LOI)
- Traceability codes and designation part numbers printed on insulation
- Conforms to NF EN 45545 obtaining an HL2 classification for chapters R22 and R23
- EAC compliant
- RoHS compliant



Part Number	FLEXSM2MRC4X32
Article Number	566640
Material	Copper Silicone
Dielectric Strength	20 kV/mm
Flammability Rating	UL® 94V-0
Insulation Elongation	400 %
Insulation Thickness	2 mm
Nominal Voltage, IEC	1.000 VAC 1.500 VDC
Working Temperature	-50 to 280 °C
Complies With	IEC® 60439.1 IEC® 61439.1
Length (L)	2.000 mm

Part Number	FLEXSM2MRC4X32
ΔT 40 K	490 A
ΔT 50 K	548 A
ΔT 60 K	600 A
Conducting Layers (N)	4
A	32 mm
B	1 mm
Cross Section	128 mm ²
2 Bar Current Coefficient	1,72
3 Bar Current Coefficient	2,25
Unit Weight	2,78 kg
Certifications	ABS FLEXIBAR CE EAC 0254922 (Russian Federation) IEC 61439-1 FLEXIBAR RoHS
Standard Packaging Quantity	5 pc
UPC	78285687848
EAN-13	3479775666402

ADMISSIBLE CURRENTS: This table indicates the temperature rise produced by chosen current in the given section. This calculation does not take into account the heat dissipation from the switch gear.

ΔT = Temperature of conductors – Internal temperature of panel.

Refer to technical documentation for additional ampacity ratings.

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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.erico.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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