



ROLINX[®] Compact

Product Information

ROLINX[®] Compact is the latest addition to our ROLINX busbar family. ROLINX Compact is developed to offer you the most optimal connection solution for high power distribution when the available space is very limited. Unlike the other products in the ROLINX portfolio, ROLINX Compact uses powder coating as outer insulation instead of insulation films. This allows your engineers to design the busbar even more compact than a laminated busbar since the space needed for the closed mold can be eliminated.

ROLINX Compact addresses your increasing need for higher power density in the application. In the future, power distribution and connection solutions need to carry more current on a more limited footprint. Examples of

such applications are communication infrastructure, like routers, switches and racks and industrial applications like VFD and UPS.

Next to the compact design, additional features are the high working temperature and the ease of installation which reduces installation time. During the design of your solution, you can count on the support of our dedicated and highly experienced design engineering team.

With the complete ROLINX portfolio, Rogers is your ideal partner to solve your power connection challenges with the most optimal and efficient solution.

Advantages

- // Optimized design fit for narrow space connection (compact design)
- // High power density capabilities
- // High temperature resistance
- // Easy to insulate very complex shapes
- // Harsh environment resistance (oil, salt, ...)
- // Support in design and engineering by an experienced team



Typical Market Segments

- // Communication infrastructure
- // Industrial applications (VFD & UPS)



Typical Technical Characteristics

Voltage	2.5 kV AC
Power	up to several MW
Temperature range	- 40°C / + 125°C
Relative humidity	55°C / 95% RH
Conductor material	Copper, Aluminium
Insulation material	Epoxy powder
Production test	Partial discharge, high voltage, dimensional

Rogers BVBA

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