- Electronic bypass
- Rated current 200 A
- Overtemperature- and fan failure detection
- State report to controller
- Active electronic control circuitry
- Mains or inverter supply
- 19”- plug-in case
- Redundant to controller

Specifications

General
- Electrical safety: EN 60950, VDE 0805
- EMC (emission): EN 50081-1
- Curve EN 55022B
- EMC (immunity): EN 50082-2
- Galvanic isolation: 3.75 kV
- Operating temperature: -5 to +45° C non condensing
- Failure report: via controller
- Current capacity: 200A

Electrical connections
- Connectors: Front
- Line input: 5 high current terminal blocks, 95 mm²
- Inverter input: 12 Phoenix Power-Combicon 3-pole
- Controller IN/OUT: Binder round connectors, 7-pole male, 4-pole female insert

Fusing
- (to be provided externally)
- Short-circuit: external mains fuse, load limit integral <=125000 A²s by 230VAC
- Overload: external output fuse, load limit integral <=125000 A²s by 230VAC, 200A circuit breaker

Warranty
- 24 months

Housing
- 19”, plug-in case
- Size: 4 HE/ 84 TE, 360 mm depth
- Weight: app. 15 kg
- Classification: IP 20
- Ventilation: internal fan

Function
The bypass module is built out as a semiconductor switch with active electronic control circuitry and two thyristor modules.
With the bypass the system can be operated either in OnLine mode (load is supplied by inverters) or in OffLine mode (load is supplied by mains). The configuration is set by the controller.
In case of a controller failure the bypass adopts the monitoring off the mains and assures the power supply of the connected load.
To protect the entire system, the fans are monitored and in case of an overtemperature the system will automatically be shut down.
In order to be able to change a mains fuse easily in case of a failure, the bypass module has no built-in fuse. This way the fuse can be located on a fuse strip.

Order Code
- e.g. LAVBYP-200

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<th>U OUT (VAC)</th>
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