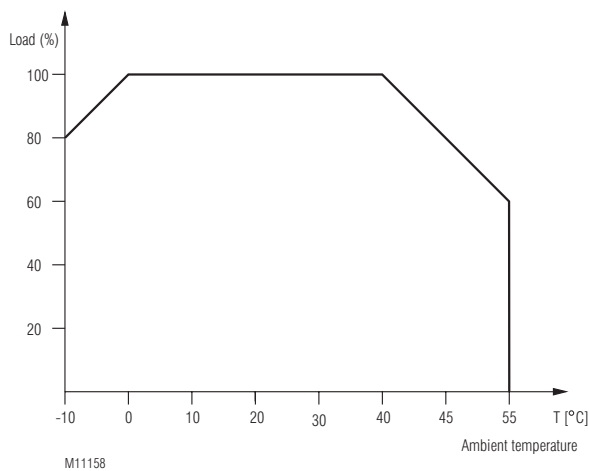


- According to EN 55022, EN 55024
- Input voltage DC 24 V
- Output voltage DC 5 V / 3 A
- Short circuit strength-, overload- and overvoltage protection

Characteristic



derating curve

Standard Type

RE 5910/012 Power supply for industrial charger
Article number: 0060818

Approvals and Marking



Additional information about this topic

- Informations about the charger see User Manual BI 5910

Application

For charger connection of the remote control RE 5910 at DC 24 V.

Technical Data

Input

Nominal voltage: DC 24 V
Voltage range: DC 18 ... 36 V
Input current: 0.9 A / DC 24 V
Efficiency: > 70 %

Output

Voltage: DC 5 V
Voltage control: 4.75 - 5.5 V
Residual ripple: < 100 mV p-p
Output current: 0 ... 3 A (see derating curve)
Power: 15 W
Input and load control: ± 0.5 %
Overload protection: 105 % ... 160 %
selfrecovering when failure removed
Overvoltage protection: 5.75 V ... 6.75 V

General Data

Nominal operating mode: continuous operation
Temperature range: - 10 ... + 55 °C (see derating curve)
Insulation class: II

EMC and protection

Input / Output: 2 kV AC
Input / Earth: 1 kV AC
Output / Earth: 0.5 kV AC
Insulating resistance:

Input / Output,
Input / Earth,
Output / Earth: 100 MΩ / 500 V DC / 25 °C / 70 % RH
EMC irradiation: according to EN 55022 (CISPR22)
EMC proof: according to EN 61000-4-2,3,4,6,8
EN 55024 light industry level, criteria A

Weight: 200 g

Dimensions

Width x height x depth: 91 x 51 x 37 mm

