

ITY2-EX010B

BATTERY MICRO ITY2-EX010B



Strong points

- Total protection during downtime
- Easy installation and maintenance
- Electrical protection coordination for your safety

General characteristics

- Standard degree of protection: IP20.
- Optional degree of protection: IP32.
- Operating temperature: 0÷40 °C (+15 ÷ +25 °C recommended for long battery life).
- Ambient storage and transport temperature: -5 °C ÷ +40 °C max (recommended: 25 °C).
- Relative humidity (condensation-free): up to 95%.
- Product declaration: CE.

Compliance with standards

- CE
- EN 62040-1

Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/ITY2-EX010B>

VRLA (Valve Regulated Lead Acid) batteries are lead batteries with a sealed safety valve container for releasing excess gas in the event of internal overpressure. Their development was aimed at limiting the emission of hydrogen into the atmosphere and to avoid the use of liquid electrolyte. The liquid electrolyte is replaced by gel electrolyte (GEL technology) or absorbed inside the separators (AGM technology) to prevent acid leaking.

Sealed batteries do not allow for water to be added to the electrolyte, therefore the evaporation of the water contained in the electrolyte, due for example to high room temperatures or internal heating as a result of charging/discharging cycles, decreases their lifetime.

| Classification | |
|----------------------------|---------------|
| ETIM Class | EC002850 |
| Commerce | |
| Effective date | 2013-09-01 |
| Obsolescence date | 2021-04-24 |
| Production ban date | 2021-04-24 |
| Country of origin | CN |
| Length of the product unit | 0.22 |
| Width of the product unit | 0.145 |
| Depth of the product unit | 0.4 |
| Weight | 19 |
| Logistics | |
| GTIN/EAN | 8027122549608 |
| Customs number | 8507208090 |
| Weight of the packing unit | 19 |
| Length of the packing unit | 0.4 |
| Width of the packing unit | 0.145 |
| Depth of the packing unit | 0.22 |
| Technical Characteristics | |
| Depth | 400 |
| Height | 220 |
| In/out | 1/1 |
| Width | 145 |
| Sn | 1 |
| Rate (min) | 1 |
| Rate (max) | 1 |