

DATA SHEET

TA541 Battery



1 Ordering data

Part no.	Description	Product life cycle phase *)
1SAP 182 700 R0001	TA541, lithium battery	Active



*) Modules in lifecycle Classic are available from stock but not recommended for planning and commissioning of new installations.

Certification and declaration details on the lithium battery is provided by the battery supplier and can be downloaded: [safety data sheet \(supplier\)](#)

2 Technical data

Parameter	Value
Nominal voltage	3 V
Nominal capacity	1800 mAh
Temperature range	Operating: -40 °C ... +70 °C Storage: -40 °C ... +85 °C Transport: -40 °C ... +85 °C
Battery lifetime	Typ. 3 years at +25 °C

Parameter	Value
Self-discharge	1 % per year at +25 °C 5 % per year at +40 °C 20 % per year at +60 °C
Protection against reverse polarity	Yes, by mechanical coding of the plug
Insulation	The battery is completely insulated.
Connection	Red = positive pole = above at plug Black = negative pole
Weight	17 g
Dimensions	Diameter of the battery: ca. 18 mm Height of the battery: ca. 35 mm