battery type: battery size: chemical system:		Lithium Button Cell (PH-t CR2016 Lithium Manganese Diox	
		Conditions	
nominal voltage: open circuit voltage:	3.0 V 3.03.4 V 2.93.4 V	new battery after 1 year storage at 20)°C
		all measurements at 22 ±	± 2°C ambient
capacity rated:	85 mAh	continuous discharge at 30kΩ load; 24hours/day End Voltage (EV): 2.0V	
minimum:	80 mAh	continuous discharge at $30k\Omega$ load; 24hours/day EV: 2.0V	
standard discharge time minimum:	155 h	at 5.6kΩ load (EV: 2.0V	for QC measurement)
discharge currents standard:	0.1 mA		
max. recommended current under continuous discharge:	4 mA		
max. recommended current under pulse discharge:	12 mA		
discharge diagrams:			
Discharge Cha	racteristics on Lo	ad [] 0V) (At 23°C)	Discharge Characteristics on Temperature (EPV 2.0V) (Load 30KΩ)
3.5		3.5	
		€ 3.0	
3.0 00 2.5 0 2.0 3.9KΩ		3.0 3.0 2.5 2.5 2.0 2.0	23℃
			-20℃
Σ 1.5 3.9KΩ	15Κ Ω	30KΩ > 1.5	
1.0 120 240 3	60 480 600	720 840 1.0 0	120 240 360 480 600 720 840
	scharge time (h)	,20 010	Discharge time (h)
shelf life:	10 years	under proper storage cor	nditions (ta: ≤ 22°C; RH: 60 ± 15%)
self-discharge:	≤2 %	per year (at 20°C ambier	
operating temperature			
•	- 3065 °C		
storage temperature:	030 °C	(recommended)	
mechanical specifications:			
outer battery dimensions		drawing	
diameter: 20.0mm height: 1.6mm	+0/-0.3mm +0/-0.2mm		AN MANN
			CR 2016 SV LITHUM BATTERY
		MIN1. 14	printed production date
nominal weight:	2.0 g	approx.)	4 digits (YYMM) e.g. 1806 = 2018 June
	ANSMANN S	pecifications for mode	Lithium Button Cell CR2016
	data sheet no.	/ part no.	
	supplier no.	•	703700
	author / date		TG / 15.01.2019

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice