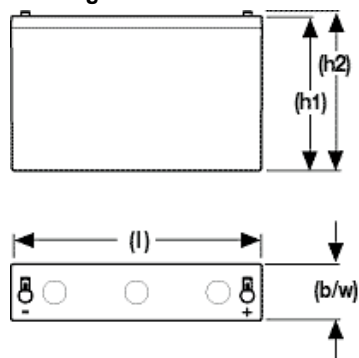


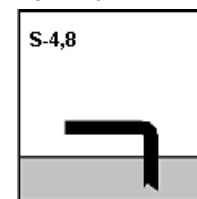
# Sonnenschein A506/6,5 S data sheet



Drawing:



Terminal:



Meets: UL94 HB

## Specifications:

Type	Part number	Nom. Voltage	C20 1,75 VpC 20° C IEC896/2 Ah	Short circuit current acc.	Length mm	Width mm	Height mm	Height top of cover mm	Height over terminals mm	Weight Kg.	Internal resistance acc. IEC896/2 mOhm	Max. Load approx. A	Max. perm current 5 secs. A	Terminal
A506/6,5 S	NGA50606D5HS0SA	6	6.5	131	151.5	34.5	94.5	94.5	98.4	1.3	48	80	300	S-4,8

Part numbers not valid for North America, use type for ordering!

## Constant-current discharge in A (@20°C):

Part number	Type	Volt	5min	10min	15min	20min	30min	1h	2h	3h	5h	8h	10h
NGA50606D5HS0SA	A506/6,5S	1.85	17.0	12.0	10.0	8.1	6.1	3.6	2.1	1.5	1.1	0.7	0.6
NGA50606D5HS0SA	A506/6,5S	1.80	19.0	13.0	11.0	8.8	6.5	3.8	2.2	1.6	1.1	0.8	0.6
NGA50606D5HS0SA	A506/6,5S	1.75	20.0	14.0	11.0	9.2	6.8	3.9	2.3	1.6	1.1	0.8	0.6
NGA50606D5HS0SA	A506/6,5S	1.70	21.0	15.0	12.0	9.5	6.9	3.9	2.3	1.6	1.1	0.8	0.6
NGA50606D5HS0SA	A506/6,5S	1.65	23.0	15.0	12.0	9.6	7.0	4.0	2.3	1.6	1.1	0.8	0.6
NGA50606D5HS0SA	A506/6,5S	1.60	24.0	16.0	12.0	9.7	7.0	4.0	2.3	1.6	1.1	0.8	0.6

## Constant-power discharge in W/block (@20°C):

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA50606D5HS0SA	A506/6,5S	1.85	120.0	100.0	73.0	60.0	51.0	38.0	28.0	23.0	16.0
NGA50606D5HS0SA	A506/6,5S	1.80	128.0	112.0	80.0	63.0	54.0	40.0	30.0	24.0	17.0
NGA50606D5HS0SA	A506/6,5S	1.75	138.0	121.0	86.0	66.0	57.0	42.0	30.0	24.0	17.0
NGA50606D5HS0SA	A506/6,5S	1.70	150.0	126.0	88.0	68.0	58.0	42.0	31.0	24.0	17.0
NGA50606D5HS0SA	A506/6,5S	1.65	160.0	129.0	90.0	69.0	59.0	43.0	31.0	25.0	18.0
NGA50606D5HS0SA	A506/6,5S	1.60	168.0	132.0	92.0	70.0	59.0	43.0	31.0	25.0	18.0