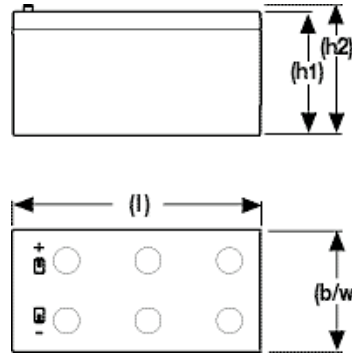


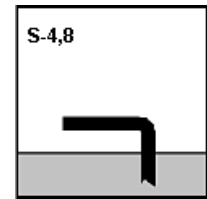
Sonnenschein A512/3,5 S* data sheet



Drawing:



Terminal:



Meets: UL94 HB *VdS-approved,

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	VDS-approved
A512/3,5 S*	NGA51203D5HS0SA	12	3.5	88	134.5	66.8	60.5	60.5	64.4	1.5	142	60	300	S-4,8	*VdS-approved,

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
NGA51203D5HS0SA	A512/3,5S	1.85	9.5	6.7	5.5	4.5	3.4	2.1	1.4	1.0	0.6	0.4	0.3
NGA51203D5HS0SA	A512/3,5S	1.80	10.6	7.4	6.0	4.9	3.7	2.2	1.4	1.0	0.6	0.4	0.3
NGA51203D5HS0SA	A512/3,5S	1.75	11.3	7.9	6.2	5.1	3.8	2.3	1.4	1.0	0.6	0.4	0.3
NGA51203D5HS0SA	A512/3,5S	1.70	12.1	8.3	6.3	5.2	3.9	2.3	1.4	1.0	0.6	0.4	0.3
NGA51203D5HS0SA	A512/3,5S	1.65	12.7	8.5	6.5	5.3	3.9	2.3	1.4	1.0	0.6	0.4	0.3
NGA51203D5HS0SA	A512/3,5S	1.60	13.1	8.7	6.5	5.3	3.9	2.3	1.4	1.0	0.6	0.4	0.3

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA51203D5HS0SA	A512/3,5S	1.85	124.0	102.0	77.0	63.0	52.0	40.0	33.0	26.0	18.0
NGA51203D5HS0SA	A512/3,5S	1.80	136.0	114.0	84.0	66.0	56.0	42.0	34.0	27.0	19.0
NGA51203D5HS0SA	A512/3,5S	1.75	146.0	123.0	89.0	69.0	59.0	44.0	35.0	27.0	19.0
NGA51203D5HS0SA	A512/3,5S	1.70	159.0	131.0	92.0	72.0	60.0	45.0	35.0	28.0	20.0
NGA51203D5HS0SA	A512/3,5S	1.65	170.0	137.0	93.0	73.0	61.0	45.0	35.0	28.0	20.0
NGA51203D5HS0SA	A512/3,5S	1.60	178.0	139.0	95.0	74.0	61.0	45.0	36.0	28.0	20.0