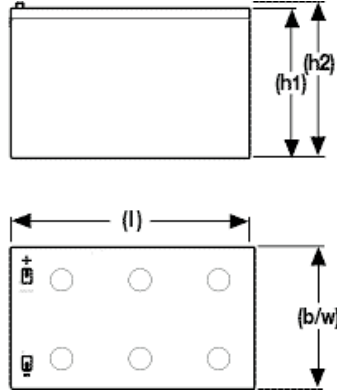


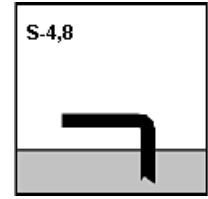
Sonnenschein A512/10 S* data sheet



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. IEC896/2	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
A512/10 S*	NGA5120010HS0SA	12	10	189	152	98	94.5	94.5	98.4	4	66	80	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
NGA5120010HS0SA	A512/10S	1.85	30.0	22.0	18.0	15.0	11.2	6.4	3.9	2.8	1.8	1.2	1.0
NGA5120010HS0SA	A512/10S	1.80	33.0	24.0	19.0	16.0	11.9	6.8	4.1	2.9	1.9	1.2	1.0
NGA5120010HS0SA	A512/10S	1.75	35.0	26.0	20.0	17.0	12.3	6.9	4.2	3.0	1.9	1.3	1.0
NGA5120010HS0SA	A512/10S	1.70	37.0	27.0	20.0	17.0	12.6	7.0	4.2	3.0	1.9	1.3	1.0
NGA5120010HS0SA	A512/10S	1.65	39.0	28.0	21.0	17.0	12.7	7.1	4.3	3.0	1.9	1.3	1.0
NGA5120010HS0SA	A512/10S	1.60	42.0	29.0	21.0	17.0	12.8	7.1	4.3	3.0	1.9	1.3	1.0

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120010HS0SA	A512/10S	1.85	335.0	298.0	248.0	195.0	160.0	120.0	98.0	78.0	56.0
NGA5120010HS0SA	A512/10S	1.80	336.0	318.0	261.0	209.0	172.0	128.0	101.0	81.0	59.0
NGA5120010HS0SA	A512/10S	1.75	361.0	346.0	270.0	219.0	179.0	132.0	103.0	83.0	60.0
NGA5120010HS0SA	A512/10S	1.70	385.0	360.0	278.0	226.0	185.0	135.0	103.0	84.0	60.0
NGA5120010HS0SA	A512/10S	1.65	410.0	371.0	283.0	229.0	187.0	136.0	104.0	84.0	61.0
NGA5120010HS0SA	A512/10S	1.60	437.0	381.0	287.0	231.0	188.0	136.0	104.0	85.0	61.0