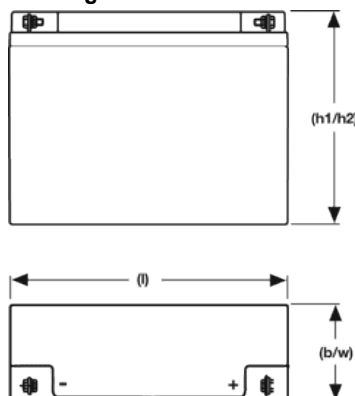


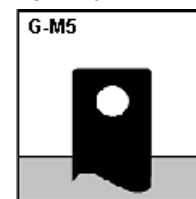
# Sonnenschein A512/16 G5\* data sheet



## 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 terminals 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
A512/16 G5*	NGA5120016HS0BA	12	16	512	181	76	152	167	167	6	24.2	200	700	G-M5	*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
NGA5120016HS0BA	A512/16G5	1.85	40.0	29.0	24.0	20.0	15.0	9.8	6.2	4.3	2.7	1.8	1.4
NGA5120016HS0BA	A512/16G5	1.80	47.0	33.0	27.0	22.0	16.0	10.2	6.4	4.4	2.8	1.8	1.5
NGA5120016HS0BA	A512/16G5	1.75	51.0	36.0	28.0	23.0	17.0	10.4	6.5	4.5	2.9	1.8	1.5
NGA5120016HS0BA	A512/16G5	1.70	54.0	39.0	30.0	24.0	17.0	10.5	6.5	4.6	2.9	1.8	1.5
NGA5120016HS0BA	A512/16G5	1.65	58.0	41.0	30.0	24.0	18.0	10.6	6.6	4.6	2.9	1.8	1.5
NGA5120016HS0BA	A512/16G5	1.60	61.0	42.0	31.0	25.0	18.0	10.7	6.6	4.6	2.9	1.8	1.5

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120016HS0BA	A512/16G5	1.85	485.0	433.0	352.0	295.0	252.0	192.0	150.0	119.0	87.0
NGA5120016HS0BA	A512/16G5	1.80	584.0	485.0	384.0	309.0	269.0	203.0	156.0	124.0	90.0
NGA5120016HS0BA	A512/16G5	1.75	636.0	534.0	407.0	322.0	280.0	209.0	159.0	126.0	91.0
NGA5120016HS0BA	A512/16G5	1.70	688.0	573.0	418.0	331.0	285.0	212.0	161.0	127.0	91.0
NGA5120016HS0BA	A512/16G5	1.65	741.0	601.0	423.0	335.0	288.0	213.0	161.0	128.0	92.0
NGA5120016HS0BA	A512/16G5	1.60	783.0	621.0	426.0	338.0	289.0	214.0	162.0	128.0	92.0