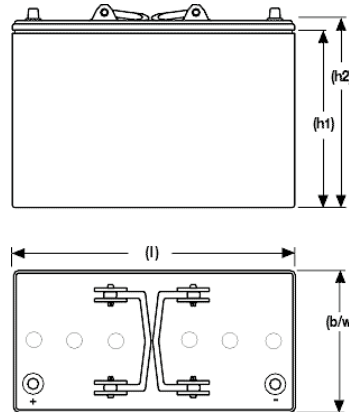


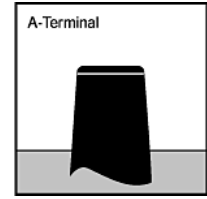
Sonnenschein A512/85 A* data sheet



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
A512/85 A*	NGA5120085HS0CA	12	85	2017	330	171	213	213	236	31	6.2	600	2600	A-Terminal	*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
NGA5120085HS0CA	A512/85A	1.85	168.0	141.0	119.0	100.0	78.0	53.0	30.0	22.0	14.2	9.4	7.7
NGA5120085HS0CA	A512/85A	1.80	193.0	154.0	135.0	112.0	85.0	56.0	32.0	23.0	14.7	9.8	8.0
NGA5120085HS0CA	A512/85A	1.75	226.0	169.0	144.0	120.0	90.0	58.0	33.0	23.0	15.0	9.9	8.1
NGA5120085HS0CA	A512/85A	1.70	244.0	182.0	149.0	125.0	93.0	59.0	33.0	23.0	15.1	9.9	8.1
NGA5120085HS0CA	A512/85A	1.65	259.0	192.0	152.0	128.0	94.0	59.0	33.0	24.0	15.1	9.9	8.1
NGA5120085HS0CA	A512/85A	1.60	273.0	199.0	155.0	130.0	95.0	60.0	33.0	23.0	15.1	9.9	8.1

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120085HS0CA	A512/85A	1.85	1,979.0	1,802.0	1,527.0	1,310.0	1,118.0	905.0	690.0	565.0	425.0
NGA5120085HS0CA	A512/85A	1.80	2,279.0	2,132.0	1,684.0	1,487.0	1,245.0	970.0	740.0	600.0	447.0
NGA5120085HS0CA	A512/85A	1.75	2,561.0	2,292.0	1,847.0	1,557.0	1,329.0	1,018.0	768.0	621.0	460.0
NGA5120085HS0CA	A512/85A	1.70	2,900.0	2,486.0	1,993.0	1,607.0	1,381.0	1,045.0	786.0	634.0	469.0
NGA5120085HS0CA	A512/85A	1.65	3,115.0	2,719.0	2,109.0	1,663.0	1,410.0	1,060.0	797.0	642.0	474.0
NGA5120085HS0CA	A512/85A	1.60	3,264.0	2,923.0	2,190.0	1,700.0	1,427.0	1,069.0	804.0	648.0	477.0