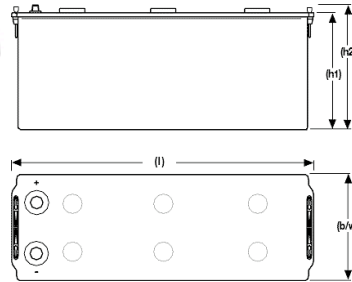


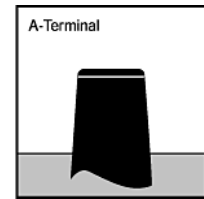
Sonnenschein A512/140 A data sheet



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
A512/140 A	NGA5120140HS0CA	12	140	3132	513	223	195	195	223	48	4.1	770	2600	A-Terminal

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
NGA5120140HS0CA	A512/140A	1.85	275.0	220.0	178.0	151.0	118.0	75.1	45.7	32.5	21.3	14.0	11.5
NGA5120140HS0CA	A512/140A	1.80	315.0	244.0	198.0	166.0	128.0	79.7	47.7	33.8	22.0	14.5	11.9
NGA5120140HS0CA	A512/140A	1.75	357.0	264.0	211.0	176.0	133.0	82.3	48.9	34.5	22.3	14.8	12.2
NGA5120140HS0CA	A512/140A	1.70	397.0	282.0	222.0	183.0	137.0	84.1	49.9	35.1	22.6	15.0	12.2
NGA5120140HS0CA	A512/140A	1.65	423.0	294.0	229.0	189.0	141.0	85.4	50.3	35.4	22.6	15.0	12.2
NGA5120140HS0CA	A512/140A	1.60	452.0	303.0	235.0	193.0	143.0	86.3	50.6	35.4	22.6	15.0	12.2

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120140HS0CA	A512/140A	1.85	3,674.0	3,172.0	2,549.0	2,101.0	1,755.0	1,330.0	1,040.0	839.0	647.0
NGA5120140HS0CA	A512/140A	1.80	4,127.0	3,631.0	2,819.0	2,246.0	1,906.0	1,424.0	1,070.0	880.0	674.0
NGA5120140HS0CA	A512/140A	1.75	4,647.0	3,937.0	2,912.0	2,365.0	1,995.0	1,479.0	1,096.0	904.0	689.0
NGA5120140HS0CA	A512/140A	1.70	4,974.0	4,211.0	2,981.0	2,440.0	2,050.0	1,513.0	1,117.0	920.0	700.0
NGA5120140HS0CA	A512/140A	1.65	5,316.0	4,435.0	3,060.0	2,489.0	2,087.0	1,538.0	1,133.0	934.0	709.0
NGA5120140HS0CA	A512/140A	1.60	5,631.0	4,606.0	3,117.0	2,522.0	2,113.0	1,555.0	1,144.0	945.0	716.0