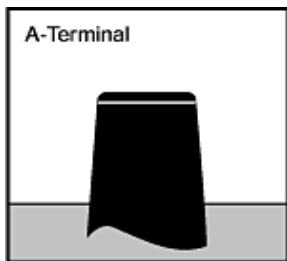


Sonnenschein – A512/140 A data sheet

Terminal



Specifications:

Part numbers not valid for North America, use type for ordering!

GNB type designation	Nom. Voltage V	Nom. capacity C ₂₀ 1.75Vpc 20°C Ah	Length (l) max. mm	Width (b/w) max. mm	Height top of cover (h1) max. mm	Height over terminals (h2) max. mm	Weight approx. kg	Internal resistance mOhm	Short circuit current A	Max. Load approx. A	Max. perm current 5 secs. A	Terminal
A512/140 A	12	140	513	223	195	223	47.0	4.1	3132	770	2600	A-Terminal

Constant-current discharge in A @ 20 °C

Part number	Vpc	5 min	10 min	15 min	20 min	30 min	1 h	2 h	3 h	5 h	8 h	10 h
NGA5120140HS0CA	1.85	275	220	178	151	118	75.1	45.7	32.5	21.3	14.0	11.5
NGA5120140HS0CA	1.80	315	244	198	166	128	79.7	47.7	33.8	22.0	14.5	11.9
NGA5120140HS0CA	1.75	357	264	211	176	133	82.3	48.9	34.5	22.3	14.8	12.2
NGA5120140HS0CA	1.70	397	282	222	183	137	84.1	49.9	35.1	22.6	15.0	12.2
NGA5120140HS0CA	1.65	423	294	229	189	141	85.4	50.3	35.4	22.6	15.0	12.2
NGA5120140HS0CA	1.60	452	303	235	193	143	86.3	50.6	35.4	22.6	15.0	12.2

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

Part number	Vpc	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	1.5 h
NGA5120140HS0CA	1.85	3674	3172	2549	2101	1755	1330	1040	839	647
NGA5120140HS0CA	1.80	4127	3631	2819	2246	1906	1424	1070	880	674
NGA5120140HS0CA	1.75	4647	3937	2912	2365	1995	1479	1096	904	689
NGA5120140HS0CA	1.70	4974	4211	2981	2440	2050	1513	1117	920	700
NGA5120140HS0CA	1.65	5316	4435	3060	2489	2087	1538	1133	934	709
NGA5120140HS0CA	1.60	5631	4606	3117	2522	2113	1555	1144	945	716

Sonnenschein A512/140 A drawing

