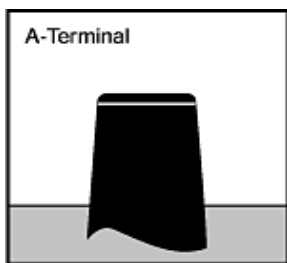


Sonnenschein – A512/55 A data sheet

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
A512/55 A	12	55.0	261	135	208	230	18.8	8.9	1403	400	1500	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
NGA5120055HSOCA	1.85	99.2	83.1	70.1	59.1	46.4	32.7	18.9	13.6	9.00	6.00	4.90
NGA5120055HSOCA	1.80	114	89.8	78.7	65.3	50.2	34.2	19.5	14.0	9.20	6.10	5.00
NGA5120055HSOCA	1.75	139	99.0	84.3	69.5	52.5	35.0	19.9	14.2	9.30	6.20	5.10
NGA5120055HSOCA	1.70	151	106	86.8	72.0	53.9	35.5	20.1	14.3	9.30	6.20	5.10
NGA5120055HSOCA	1.65	161	112	88.4	73.6	54.7	35.7	20.2	14.4	9.30	6.20	5.10
NGA5120055HSOCA	1.60	169	116	89.3	74.6	55.2	35.8	20.2	14.4	9.30	6.20	5.10

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
NGA5120055HSOCA	1.85	1348	1172	922	844	718	572	457	367	269
NGA5120055HSOCA	1.80	1555	1362	1014	888	777	606	478	382	278
NGA5120055HSOCA	1.75	1799	1496	1102	917	813	626	489	388	281
NGA5120055HSOCA	1.70	1912	1624	1163	935	834	636	493	392	283
NGA5120055HSOCA	1.65	2005	1726	1204	945	845	642	496	394	284
NGA5120055HSOCA	1.60	2107	1800	1231	957	851	645	498	395	285

Sonnenschein A512/55 A drawing

