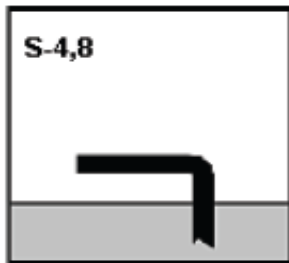


Sonnenschein – A512/2 S data sheet

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
A512/2 S	12	2.00	179	34.1	60.5	64.4	1.00	172	73	40	240	S-4.8

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
NGA5120002HSOSA	1.85	5.4	3.7	3.2	2.6	2	1.5	0.82	0.56	0.34	0.22	0.18
NGA5120002HSOSA	1.8	6.2	4.2	3.4	2.8	2.1	1.5	0.86	0.58	0.36	0.23	0.19
NGA5120002HSOSA	1.75	6.8	4.6	3.5	2.9	2.2	1.5	0.87	0.59	0.36	0.24	0.19
NGA5120002HSOSA	1.7	7.4	4.8	3.6	3	2.2	1.5	0.88	0.60	0.37	0.24	0.19
NGA5120002HSOSA	1.65	7.8	4.9	3.7	3	2.2	1.5	0.88	0.60	0.37	0.24	0.19
NGA5120002HSOSA	1.6	8.2	5	3.7	3.1	2.2	1.5	0.89	0.60	0.37	0.24	0.19

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
NGA5120002HSOSA	1.85	74	60	44	36	30	23	17	14	10
NGA5120002HSOSA	1.8	83	68	49	38	32	24	18	15	11
NGA5120002HSOSA	1.75	91	75	52	40	33	25	18	15	11
NGA5120002HSOSA	1.7	99	80	53	41	34	25	19	15	11
NGA5120002HSOSA	1.65	103	82	54	41	34	25	19	15	11
NGA5120002HSOSA	1.6	106	84	55	42	34	25	19	15	11

Sonnenschein A512/2 S drawing

