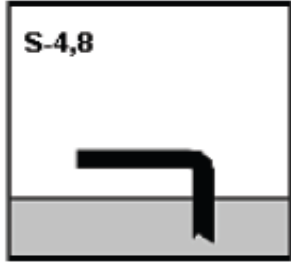


Sonnenschein – A512/6.5 S data sheet

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
A512/6.5 S	12	6.50	152	65.5	94.5	98.4	2.60	95	131	80	300	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
NGA51206D5HS0SA	1.85	17.0	12.0	10.0	8.10	6.10	3.60	2.10	1.50	1.10	0.73	0.61
NGA51206D5HS0SA	1.80	19.0	13.0	11.0	8.80	6.50	3.80	2.20	1.60	1.10	0.75	0.63
NGA51206D5HS0SA	1.75	20.0	14.0	11.0	9.20	6.80	3.90	2.30	1.60	1.10	0.76	0.63
NGA51206D5HS0SA	1.70	21.0	15.0	12.0	9.50	6.90	3.90	2.30	1.60	1.10	0.76	0.63
NGA51206D5HS0SA	1.65	23.0	15.0	12.0	9.60	7.00	4.00	2.30	1.60	1.10	0.76	0.63
NGA51206D5HS0SA	1.60	24.0	16.0	12.0	9.70	7.00	4.00	2.30	1.60	1.10	0.76	0.63

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
NGA51206D5HS0SA	1.85	240	200	146	120	102	76.0	56.0	46.0	32.0
NGA51206D5HS0SA	1.80	256	224	160	126	108	80.0	60.0	48.0	34.0
NGA51206D5HS0SA	1.75	276	242	172	132	114	84.0	60.0	48.0	34.0
NGA51206D5HS0SA	1.70	300	252	176	136	116	84.0	62.0	48.0	34.0
NGA51206D5HS0SA	1.65	320	258	180	138	118	86.0	62.0	50.0	36.0
NGA51206D5HS0SA	1.60	336	264	184	140	118	86.0	62.0	50.0	36.0

Sonnenschein A512/6.5 S drawing

