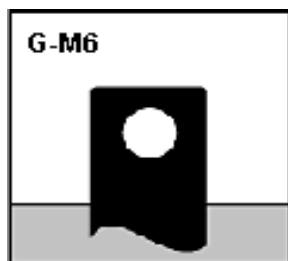


Sonnenschein – A512/40 G6 data sheet

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
A512/40 G6	12	40.0	210	175	175	175	14.6	11.6	1069	400	1500	G-M6

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
NGA5120040HS0BA	1.85	75.0	63.0	50.0	42.0	34.0	22.0	12.0	8.80	6.40	4.30	3.50
NGA5120040HS0BA	1.80	86.0	69.0	57.0	47.0	36.0	23.0	13.0	9.20	6.70	4.40	3.60
NGA5120040HS0BA	1.75	103	74.0	61.0	50.0	37.0	24.0	13.0	9.40	6.80	4.50	3.70
NGA5120040HS0BA	1.70	115	79.0	64.0	52.0	38.0	24.0	13.0	9.50	6.80	4.50	3.70
NGA5120040HS0BA	1.65	121	82.0	66.0	53.0	39.0	24.0	13.0	9.50	6.80	4.50	3.70
NGA5120040HS0BA	1.60	127	85.0	67.0	54.0	39.0	24.0	13.0	9.50	6.80	4.50	3.70

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
NGA5120040HS0BA	1.85	958	848	703	578	490	395	300	243	178
NGA5120040HS0BA	1.80	1092	1007	758	646	538	415	318	255	186
NGA5120040HS0BA	1.75	1226	1074	822	691	569	432	326	261	189
NGA5120040HS0BA	1.70	1391	1157	870	719	587	441	331	264	191
NGA5120040HS0BA	1.65	1514	1235	902	729	597	446	333	265	192
NGA5120040HS0BA	1.60	1577	1299	923	735	603	449	334	266	192

Sonnenschein A512/40 G6 drawing

