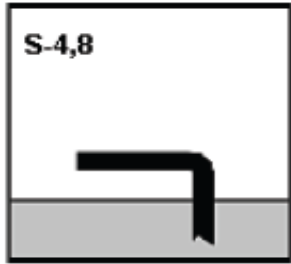


Sonnenschein – A506/6.5 S data sheet

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 |
|----------------------|----------------|---|--------------------|---------------------|----------------------------------|------------------------------------|-------------------|--------------------------|-------------------------|---------------------|-----------------------------|----------|
| A506/6.5 S | 6 | 6.50 | 152 | 34.5 | 94.5 | 98.4 | 1.30 | 48 | 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 |
|-----------------|------|-------|--------|--------|--------|--------|------|------|------|------|------|------|
| NGA50606D5HSOSA | 1.85 | 17.0 | 12.0 | 10.0 | 8.10 | 6.10 | 3.60 | 2.10 | 1.50 | 1.10 | 0.73 | 0.61 |
| NGA50606D5HSOSA | 1.80 | 19.0 | 13.0 | 11.0 | 8.80 | 6.50 | 3.80 | 2.20 | 1.60 | 1.10 | 0.75 | 0.63 |
| NGA50606D5HSOSA | 1.75 | 20.0 | 14.0 | 11.0 | 9.20 | 6.80 | 3.90 | 2.30 | 1.60 | 1.10 | 0.76 | 0.63 |
| NGA50606D5HSOSA | 1.70 | 21.0 | 15.0 | 12.0 | 9.50 | 6.90 | 3.90 | 2.30 | 1.60 | 1.10 | 0.76 | 0.63 |
| NGA50606D5HSOSA | 1.65 | 23.0 | 15.0 | 12.0 | 9.60 | 7.00 | 4.00 | 2.30 | 1.60 | 1.10 | 0.76 | 0.63 |
| NGA50606D5HSOSA | 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 |
|-----------------|------|-------|-------|--------|--------|--------|--------|--------|------|-------|
| NGA50606D5HSOSA | 1.85 | 120 | 100 | 73.0 | 60.0 | 51.0 | 38.0 | 28.0 | 23.0 | 16.0 |
| NGA50606D5HSOSA | 1.80 | 128 | 112 | 80.0 | 63.0 | 54.0 | 40.0 | 30.0 | 24.0 | 17.0 |
| NGA50606D5HSOSA | 1.75 | 138 | 121 | 86.0 | 66.0 | 57.0 | 42.0 | 30.0 | 24.0 | 17.0 |
| NGA50606D5HSOSA | 1.70 | 150 | 126 | 88.0 | 68.0 | 58.0 | 42.0 | 31.0 | 24.0 | 17.0 |
| NGA50606D5HSOSA | 1.65 | 160 | 129 | 90.0 | 69.0 | 59.0 | 43.0 | 31.0 | 25.0 | 18.0 |
| NGA50606D5HSOSA | 1.60 | 168 | 132 | 92.0 | 70.0 | 59.0 | 43.0 | 31.0 | 25.0 | 18.0 |

Sonnenschein A506/6.5 S drawing

