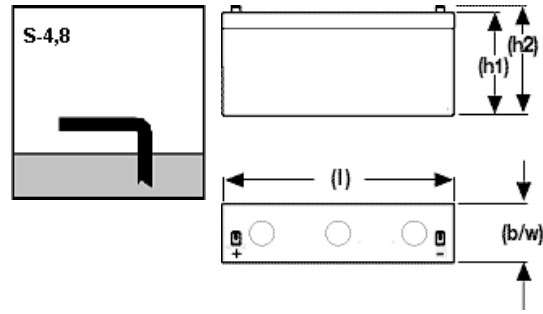


Sonnenschein – A506/3.5 S data sheet



Terminal: Drawing:



Specifications:

Part numbers not valid for North America, use type for ordering!

Switch to: Discharge at 25 °C/inches/lb

| Exide 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 |
|------------------------|----------------|--|-----------------------|------------------------|-------------------------------------|---------------------------------------|-------------------|--------------------------|-------------------------|---------------------|-----------------------------|----------|
| A506/3.5 S | 6 | 3.50 | 135 | 34.8 | 60.5 | 64.4 | 0.70 | 71 | 88 | 60 | 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 |
|-----------------|------|-------|--------|--------|--------|--------|------|------|------|------|------|------|
| NGA50603D5HS0SA | 1.85 | 9.50 | 6.70 | 5.50 | 4.50 | 3.40 | 2.10 | 1.40 | 0.95 | 0.60 | 0.39 | 0.32 |
| NGA50603D5HS0SA | 1.80 | 10.6 | 7.40 | 6.00 | 4.90 | 3.70 | 2.20 | 1.40 | 0.98 | 0.62 | 0.40 | 0.33 |
| NGA50603D5HS0SA | 1.75 | 11.3 | 7.90 | 6.20 | 5.10 | 3.80 | 2.30 | 1.40 | 0.99 | 0.62 | 0.41 | 0.34 |
| NGA50603D5HS0SA | 1.70 | 12.1 | 8.30 | 6.30 | 5.20 | 3.90 | 2.30 | 1.40 | 1.00 | 0.63 | 0.41 | 0.34 |
| NGA50603D5HS0SA | 1.65 | 12.7 | 8.50 | 6.50 | 5.30 | 3.90 | 2.30 | 1.40 | 1.01 | 0.63 | 0.41 | 0.34 |
| NGA50603D5HS0SA | 1.60 | 13.1 | 8.70 | 6.50 | 5.30 | 3.90 | 2.30 | 1.40 | 1.01 | 0.63 | 0.41 | 0.34 |

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 |
|-----------------|------|-------|-------|--------|--------|--------|--------|--------|------|-------|
| NGA50603D5HS0SA | 1.85 | 62.0 | 51.0 | 38.0 | 32.0 | 26.0 | 20.0 | 16.0 | 13.0 | 9.00 |
| NGA50603D5HS0SA | 1.80 | 68.0 | 57.0 | 42.0 | 33.0 | 28.0 | 21.0 | 17.0 | 13.0 | 10.0 |
| NGA50603D5HS0SA | 1.75 | 73.0 | 62.0 | 45.0 | 35.0 | 29.0 | 22.0 | 18.0 | 14.0 | 10.0 |
| NGA50603D5HS0SA | 1.70 | 80.0 | 66.0 | 46.0 | 36.0 | 30.0 | 22.0 | 18.0 | 14.0 | 10.0 |
| NGA50603D5HS0SA | 1.65 | 85.0 | 68.0 | 47.0 | 36.0 | 30.0 | 23.0 | 18.0 | 14.0 | 10.0 |
| NGA50603D5HS0SA | 1.60 | 89.0 | 69.0 | 47.0 | 37.0 | 31.0 | 23.0 | 18.0 | 14.0 | 10.0 |

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