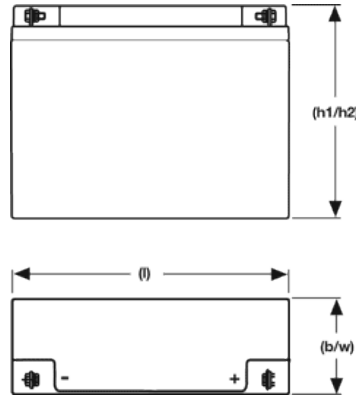


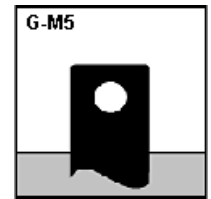
Sonnenschein A512/16 G5* data sheet



Drawing:



Terminal:



Meets: UL94 HB *VdS-approved,

Specifications:

| Exide type designation | Part number | Nom. Voltage V | Nominal capacity C ₂₀ 1.75 VpC 20°C Ah | Length l mm | Width b/w mm | Height h1 mm | Height top cover h1 max. mm | Height of terminals h2 mm | Weight approx. kg | Internal resistance acc. IEC896-2 mOhm | Short circuit current acc. IEC896-2 A | Max. Load approx. A | Max. perm current 5 secs. A | Terminal | VDS-approved |
|------------------------|-----------------|----------------|---|-------------|--------------|--------------|-----------------------------|---------------------------|-------------------|--|---------------------------------------|---------------------|-----------------------------|----------|----------------|
| A512/16 G5* | NGA5120016HS0BA | 12 | 16 | 181 | 76 | 152 | 167 | 167 | 6 | 24.2 | 512 | 200 | 700 | G-M5 | *VdS-approved, |

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

Constant-current discharge in A (at 20 °C):

| Part number | Exide type designation | VpC | 5min | 10min | 15min | 20min | 30min | 1h | 2h | 3h | 5h | 8h | 10h |
|-----------------|------------------------|------|------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|
| NGA5120016HS0BA | A512/16G5 | 1.85 | 40.0 | 29.0 | 24.0 | 20.0 | 15.0 | 9.8 | 6.2 | 4.3 | 2.7 | 1.8 | 1.4 |
| NGA5120016HS0BA | A512/16G5 | 1.80 | 47.0 | 33.0 | 27.0 | 22.0 | 16.0 | 10.2 | 6.4 | 4.4 | 2.8 | 1.8 | 1.5 |
| NGA5120016HS0BA | A512/16G5 | 1.75 | 51.0 | 36.0 | 28.0 | 23.0 | 17.0 | 10.4 | 6.5 | 4.5 | 2.9 | 1.8 | 1.5 |
| NGA5120016HS0BA | A512/16G5 | 1.70 | 54.0 | 39.0 | 30.0 | 24.0 | 17.0 | 10.5 | 6.5 | 4.6 | 2.9 | 1.8 | 1.5 |
| NGA5120016HS0BA | A512/16G5 | 1.65 | 58.0 | 41.0 | 30.0 | 24.0 | 18.0 | 10.6 | 6.6 | 4.6 | 2.9 | 1.8 | 1.5 |
| NGA5120016HS0BA | A512/16G5 | 1.60 | 61.0 | 42.0 | 31.0 | 25.0 | 18.0 | 10.7 | 6.6 | 4.6 | 2.9 | 1.8 | 1.5 |

Constant-power discharge in W/block (at 20 °C):

| Part number | Exide type designation | VpC | 3min | 5min | 10min | 15min | 20min | 30min | 45min | 1h | 1.5h |
|-----------------|------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| NGA5120016HS0BA | A512/16G5 | 1.85 | 485.0 | 433.0 | 352.0 | 295.0 | 252.0 | 192.0 | 150.0 | 119.0 | 87.0 |
| NGA5120016HS0BA | A512/16G5 | 1.80 | 584.0 | 485.0 | 384.0 | 309.0 | 269.0 | 203.0 | 156.0 | 124.0 | 90.0 |
| NGA5120016HS0BA | A512/16G5 | 1.75 | 636.0 | 534.0 | 407.0 | 322.0 | 280.0 | 209.0 | 159.0 | 126.0 | 91.0 |
| NGA5120016HS0BA | A512/16G5 | 1.70 | 688.0 | 573.0 | 418.0 | 331.0 | 285.0 | 212.0 | 161.0 | 127.0 | 91.0 |
| NGA5120016HS0BA | A512/16G5 | 1.65 | 741.0 | 601.0 | 423.0 | 335.0 | 288.0 | 213.0 | 161.0 | 128.0 | 92.0 |
| NGA5120016HS0BA | A512/16G5 | 1.60 | 783.0 | 621.0 | 426.0 | 338.0 | 289.0 | 214.0 | 162.0 | 128.0 | 92.0 |