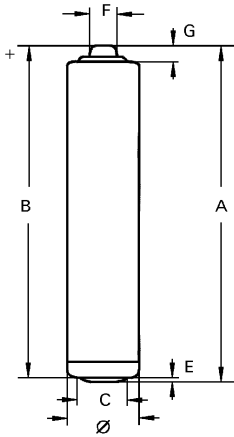


| | |
|-------------------------------|---------------------------------------|
| Type Designation | 4103 |
| Designation IEC | LR03 |
| System | Zn-MnO ₂ (Alkaline) |
| Shelf Life (Coding)* | 5 years |
| Nominal Voltage [V] | 1.5 |
| Typical Capacity C [mAh] | 1200 (discharge with high-resistance) |
| Permissible Temperature Range | - 10 °C ... 50 °C |
| Weight, approx. [g] | 11 |
| Volume [ccm] | 3.5 |



| Dimensions [mm] | min: | max: |
|-----------------|------|------|
| Ø | 9.5 | 10.5 |
| A | - | 44.5 |
| B | 43.3 | - |
| C | 4.3 | - |
| E | - | 0.5 |
| F | - | 3.8 |
| G | 0.8 | - |

Typical Capacities (at 20°C):



| Discharge Type | Load | End Voltage[V] | 1.0 | 0.9 |
|-----------------------------|-------|----------------|-------|-------|
| 15S/M, 8H/D, 7D/W | 24 Ω | Time [h] | 18,05 | 20,34 |
| Remote control | | Capacity [mAh] | 973 | 1075 |
| | | Energy [mWh] | 1265 | 1376 |
| Discharge Type | Load | End Voltage[V] | 1.0 | 0.9 |
| 4M/H, 8H/D, 7D/W | 5.1 Ω | Time [m] | 209 | 246 |
| Portable Lighting | | Capacity [mAh] | 883 | 995 |
| | | Energy [mWh] | 1021 | 1145 |
| Discharge Type | Load | End Voltage[V] | 1.0 | 0.9 |
| 1H/D, 7D/W | 10 Ω | Time [h] | 7,78 | 8.71 |
| Personal Cassette Players / | | Capacity [Ah] | 0.93 | 1.02 |
| Tape Recorders | | Energy [Wh] | 1.13 | 1.22 |
| Discharge Type | Load | End Voltage[V] | 1.0 | 0.9 |
| 4H/D, 7D/W | 75 Ω | Time [h] | 67,27 | 71.88 |
| Transistor Radios | | Capacity [Ah] | 1,14 | 1.20 |
| | | Energy [Wh] | 1.46 | 1.52 |

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* In consideration of typical loss of capacity at storage and application.