Analog Output Unit (voltage output type) 4 points NX-DA3603 **Unit name** Analog Output Unit (voltage output type) Model NX-DA3603 **External connection** Screwless clamping terminal block (12 Number of points 4 points terminals terminals) I/O refreshing method Free-Run refreshing -10 to +10 V TS indicator **Output range** DA3603 Output conversion -5 to 105% (full scale) range Allowable load $5 \text{ k}\Omega \text{ min.}$ resistance Indicator **Output impedance** $0.5~\Omega$ max. Resolution 1/8000 (full scale) 25°C ±0.3% (full scale) Overall accuracy 0 to 55°C ±0.5% (full scale) Conversion time 250 μs/point Between the input and the NX bus: Power 12 (W) x 100 (H) x 71 (D) Dimensions Isolation method = Transformer, Signal = Digital isolator (no isolation between inputs) 20 MΩ min. between isolated circuits (at 510 VAC between isolated circuits for 1 Insulation resistance Dielectric strength 100 VDC) minute at a leakage current of 5 mA max. I/O power supply Current capacity of I/O IOV: 0.1 A/terminal max., Supply from the NX bus method power supply terminal IOG: 0.1 A/terminal max. Connected to a CPU Unit or Communication Control Unit **NX Unit power** 1.35 W max. I/O current consumption No consumption consumption · Connected to a Communications Coupler Unit 1.25 W max. Weight 70 g max. IOV Output V1+ to V4+ Terminal block Circuit layout IOG AG: Analog circuit internal GND I/O power supply I/O power supply NX bus NX bus connecto (left) (right) I/O power supply I/O power supply Installation orientation: Installation orientation · Connected to a CPU Unit or Communication Control Unit: Possible in upright installation. and restrictions Connected to a Communications Coupler Unit: Possible in 6 orientations. Restrictions: No restrictions Additional I/O Power Supply Unit Voltage Output Unit NX-DA3603 •IOV IOV V1+ V2+ Voltage output + IOV IOV ●IOG IOG IOG IOG (Voltage output -Terminal connection 24 VDC diagram V3+ V4+ IOV IOV IOV IOV IOG IOG IOG IOG