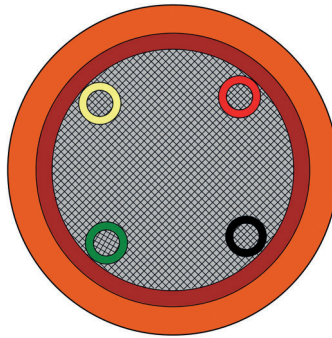


400 Hz Ground Power

GP 400 SC DC

Ground Power supply cable 28 V DC - SingleCore Direct Current

for flexible application



Application: For use in flexible applications, e.g. mobile generators, cable dispensers in the ground or on the passenger bridge at 28 V DC.

Construction:

Conductor:	tinned copper strands
Insulation:	SABIX®
Colour code:	control cores: red, black, green, yellow power supply core: red
Stranding:	control cores within the power supply core
Sheath material:	PUR
Sheath colour:	orange
Marking:	SAB BRÖCKSKES · D-VIERSEN · GP 400 SC DC (120,0mm ² +4x1,0mm ²) 3400-1621 and continuous meter marking

Technical Data:

Voltage:	28 V DC
Testing voltage:	core/core 600 V AC
Min. bending radius	
fixed laying:	4 x d
flexible application:	6 x d
Temperature range	
fixed laying:	-50/+110 °C (7500 h)
flexible application:	-40/+110 °C (7500 h)
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Weather resistance:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union

Outstanding features:

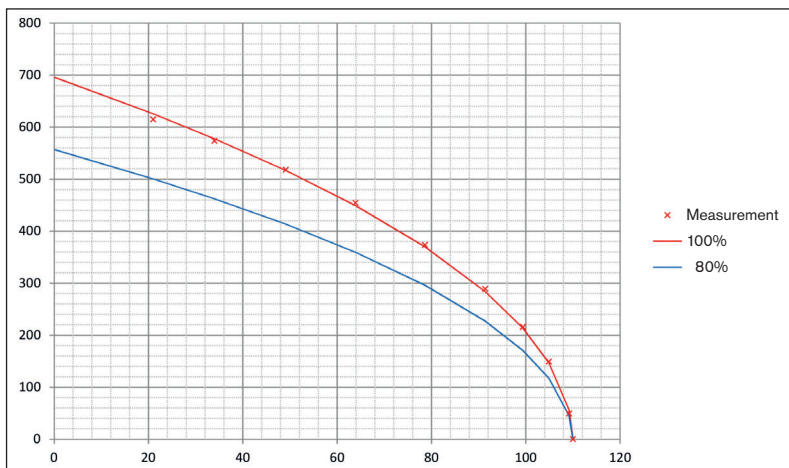


- low capacity insulation
- abrasion-resistant PUR sheath
- control cores symmetrically arranged
- cold flexible
- halogen-free
- oil resistant
- weather resistant

Item. no.	no. of cores x cross section n x mm ²	outer-Ø approx. mm	copper figure kg/km	cable weight ≈ kg/km	DC resistance at 20°C max. Ω/km	voltage drop [mV/(A*m)]
34001621	1 x (120,0 mm ² + 4 x 1,0 mm ²)	22,2	1296,0	1339	120 mm ² : 0,164 1,0 mm ² : 20,0	120 mm ² : 0,328 1,0 mm ² : 40,0

Other dimensions and colours are possible on request.

Determination of the derating curve with reference to LV112-3 based on item no. 3400-1621



Reference values of current carrying capacity from derating curve

for 20°C ambient temperature, taken from 80% curve: **500 A**

for 20°C ambient temperature, taken from 100 % curve: **600 A**

precondition:
laying separately free in air