

400 Hz Ground Power

GP 400 SC

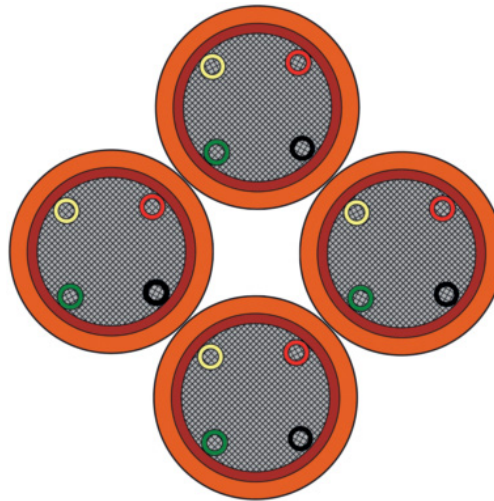
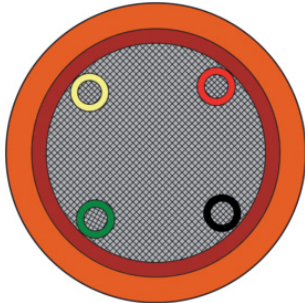
400 Hz Ground Power supply cable -
SingleCore

GP 400 QF

400 Hz Ground Power
supply cable - QuadFlex

Cable harnessing
possible on request!

for flexible
application



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

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
Stranding:	GP 400 QF: openly stranded
Marking GP 400 QF:	SAB BRÖCKSKES · D-VIERSEN · GP 400 SC (50,0mm ² +4x1,0mm ²) 3400-1321 CE and current meter marking
Marking GP 400 QF:	SAB BRÖCKSKES · D-VIERSEN · GP 400 QF 4x(50,0mm ² +4x1,0mm ²) 3400-4321 L1 resp. L2 resp. L3 resp. N CE and current meter marking

Technical Data:

Nominal voltage:	U ₀ /U 115/200 V
Max. permissible operating voltage*:	U ₀ /U 0,6/1 kV
Testing voltage:	core/core 4000 V AC
Min. bending radius <i>fixed laying:</i> <i>flexible application:</i>	4 x d 6 x d
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-50/+90 °C -40/+90 °C
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 inside power supply core
- cold flexible
- halogen-free
- oil resistant
- weather resistant

* using all wires on one potential

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)]
GP 400 SC						
34001321	1 x (50,0 mm ² + 4 x 1,0 mm ²)	15,6	524,0	587	50,0 mm ² : 0,393 1,0 mm ² : 20,0	50,0 mm ² : 0,786 1,0 mm ² : 40,0
34001421	1 x (70,0 mm ² + 4 x 1,0 mm ²)	17,7	739,2	800	70,0 mm ² : 0,277 1,0 mm ² : 20,0	70,0 mm ² : 0,554 1,0 mm ² : 40,0
34001521	1 x (95,0 mm ² + 4 x 1,0 mm ²)	19,6	940,8	1032	95,0 mm ² : 0,210 1,0 mm ² : 20,0	95,0 mm ² : 0,420 1,0 mm ² : 40,0
GP 400 QF						
34004321	4 x (50,0 mm ² + 4 x 1,0 mm ²)	37,5	2096,0	2401	50,0 mm ² : 0,393 1,0 mm ² : 20,0	50,0 mm ² : 0,786 1,0 mm ² : 40,0
34004421	4 x (70,0 mm ² + 4 x 1,0 mm ²)	42,5	2956,8	3264	70,0 mm ² : 0,277 1,0 mm ² : 20,0	70,0 mm ² : 0,554 1,0 mm ² : 40,0

Other dimensions and colours are possible on request.