



BRAKE AND AUXILIARY SERVO CABLE

UL 758

12 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 300/500 V auxiliary	CONDUCTOR Fine-stranded flexible copper conductor
INSULATION / JACKET PUR or PVC flexible jacket		

Construction

- 1 ■ **Conductor (per core)** – Fine-stranded flexible copper conductor · 30 × Ø0.25 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – High-flex PVC or TPE auxiliary-core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – PUR or PVC flexible jacket

Size selection — all available cross-sections

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 2 brake cores 0.75 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	2 brake cores	0.75 mm ²	24.7	Optional overall tinned copper braid screen	10.8 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 2 brake cores 1.0 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	2 brake cores	1.0 mm ²	18.5	Optional overall tinned copper braid screen	11.1 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and	Brake and auxiliary circuit	Brake release, temperature and	2 brake cores	1.5 mm ²	12.7	Optional overall tinned copper	11.6 mm

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
auxiliary control 2 brake cores 1.5 mm ²		auxiliary control				braid screen	
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 2 brake cores 2.5 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	2 brake cores	2.5 mm ²	7.6	Optional overall tinned copper braid screen	12.3 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 4 brake cores 0.75 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	4 brake cores	0.75 mm ²	24.7	Optional overall tinned copper braid screen	11.7 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 4 brake cores 1.0 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	4 brake cores	1.0 mm ²	18.5	Optional overall tinned copper braid screen	12.0 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 4 brake cores 1.5 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	4 brake cores	1.5 mm ²	12.7	Optional overall tinned copper braid screen	12.5 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 4 brake cores 2.5 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	4 brake cores	2.5 mm ²	7.6	Optional overall tinned copper braid screen	13.2 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 2 brake cores + temperature pair 0.75 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	2 brake cores + temperature pair	0.75 mm ²	24.7	Optional overall tinned copper braid screen	10.8 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and	Brake and auxiliary circuit	Brake release, temperature and	2 brake cores + temperature pair	1.0 mm ²	18.5	Optional overall tinned copper	11.1 mm

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
auxiliary control 2 brake cores + temperature pair 1.0 mm ²		auxiliary control				braid screen	
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 2 brake cores + temperature pair 1.5 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	2 brake cores + temperature pair	1.5 mm ²	12.7	Optional overall tinned copper braid screen	11.6 mm
Servo brake and temperature cable 300/500 V auxiliary Brake release, temperature and auxiliary control 2 brake cores + temperature pair 2.5 mm ²	Brake and auxiliary circuit	Brake release, temperature and auxiliary control	2 brake cores + temperature pair	2.5 mm ²	7.6	Optional overall tinned copper braid screen	12.3 mm

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