



DRIVE MOTOR CONTINUOUS-FLEX CABLE

UL 758

18 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Fine-stranded flexible copper conductor
INSULATION / JACKET PUR oil and abrasion resistant jacket		

Construction

- 1 **Conductor (per core)** – Fine-stranded flexible copper conductor · 50 × Ø0.25 mm · IEC 60228 cl.5
- 2 **Core insulation** – XLPE or TPE drive-core insulation
- 3 **Filler** – PP filler
- 4 **Shield** – Braid shield (C)
- 5 **Sheath** – PUR oil and abrasion resistant jacket

Size selection — all available cross-sections

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 3 symmetrical grounds 1.5 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 3 symmetrical grounds	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	14.6 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 3 symmetrical grounds 2.5 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 3 symmetrical grounds	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.4 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 3 symmetrical grounds 4 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 3 symmetrical grounds	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.4 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 3 symmetrical grounds 6 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 3 symmetrical grounds	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.4 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 3 symmetrical grounds 10 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 3 symmetrical grounds	10 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.0 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 3 symmetrical grounds 16 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 3 symmetrical grounds	16 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	20.9 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 4 core + protective earth 1.5 mm ²	Drive drag-chain duty	VFD motor power	4 core + protective earth	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.1 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 4 core + protective earth 2.5 mm ²	Drive drag-chain duty	VFD motor power	4 core + protective earth	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.9 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 4 core + protective earth 4 mm ²	Drive drag-chain duty	VFD motor power	4 core + protective earth	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.8 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 4 core + protective earth 6 mm ²	Drive drag-chain duty	VFD motor power	4 core + protective earth	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.8 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 4 core + protective earth 10 mm ²	Drive drag-chain duty	VFD motor power	4 core + protective earth	10 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.4 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 4 core + protective earth 16 mm ²	Drive drag-chain duty	VFD motor power	4 core + protective earth	16 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	21.3 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 1 protective earth 1.5 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 1 protective earth	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	14.6 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 1 protective earth 2.5 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 1 protective earth	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.4 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 1 protective earth 4 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 1 protective earth	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.4 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 1 protective earth 6 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 1 protective earth	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.4 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 1 protective earth 10 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 1 protective earth	10 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.0 mm
Continuous flex VFD motor cable 0.6/1 kV Drive drag-chain duty VFD motor power 3 power cores + 1 protective earth 16 mm ²	Drive drag-chain duty	VFD motor power	3 power cores + 1 protective earth	16 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	20.9 mm