

ÖLFLEX® VSD ULTRA YSLCY

EMC-optimised cable for variable speed drives, double screened



Info

- Rated voltage U_0 / U : 0.6 / 1 kV

Benefits

- High power transmission for large drives
- Symmetrical 3+3 Version supports the reduction of damaging bearing currents
- Suitable for outdoor use

Application range

- Connecting cable between frequency converter and motor
- In dry, damp or wet interiors

Product features

- Flame-retardant according IEC 60332-1-2

Norms references / Approvals

- Based on VDE 0276-603, HD 603 S 1, AS/NZS 5000.1

Product Make-up

- Fine-wire, bare copper conductor
- Core insulation: PVC
- Cores twisted concentrically (symmetrically splitted protective conductor of 3+3 version is gusset-filling divided between the power cores)
- Screening: wrapping of copper foil in combination with tinned copper braiding
- PVC outer sheath, black

Technical data

- Conductor stranding**
Fine wire according to VDE 0295 Class 5 / IEC 60228 Class 5
- Minimum bending radius**
Fixed installation: 4 x outer diameter
- Nominal voltage**
 U_0 / U : 0.6 / 1kV
- Test voltage**
4000 V
- Temperature range**
Fixed installation: -20°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® VSD ULTRA YSLCY / 4-core version				
3804244A	4 G 1	11.7	87.4	202
3804245A	4 G 1.5	12.3	112.4	231
3804246A	4 G 2.5	13.6	157.6	291
3804247A	4 G 4	16.0	224.3	407
3804248A	4 G 6	17.4	318.2	505
3804249A	4 G 10	20.5	534.6	750
3804250A	4 G 16	23.1	756.8	999
3804251A	4 G 25	27.6	1,128.7	1,455
3804252A	4 G 35	30.7	1,571.8	1,943
ÖLFLEX® VSD ULTRA YSLCY / 3+3 split earth version				
3804269A	3x6 + 3G1.5	17.5	303.9	570
3804261A	3x10 + 3G1.5	19.0	449.9	739
3804270A	3x16 + 3G2.5	21.5	673.5	1,004
3804263A	3x25 + 3G4	25.2	1,006.0	1,466
3804264A	3x35 + 3G6	28.3	1,404.2	1,913
3804265A	3x50 + 3G10	33.4	2,000.6	2,688

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.