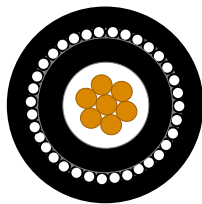


3800315	DATA SHEET	
Valid from: 03.03.2023	ÖLFLEX® POWER LV (N)2XYRY SC	

<https://lappapac.lappgroup.com>



*Illustrations are not to scale and do not represent detailed images of the respective products.

1. Application

ÖLFLEX® POWER LV (N)2XYRY SC armoured cables used in AC circuits have aluminium wires as armour to prevent a magnetic built up between the armour and conductor. These cables may be used for main power distribution in general industries, residential and commercial buildings. These cables are suitable for direct burial installations as well as in air or ducts.

2. Reference Standard(s)

Based on IEC 60502-1

3. Cable Construction

3.1. Conductor	: Stranded plain annealed copper wire acc. to IEC 60228, Cl. 2
3.2. Core Insulation	: Extruded XLPE compound
3.3. Core Colours	: Natural
3.4. Inner Sheath	: Extruded PVC compound, Black
3.5. Armouring	: Aluminium wire armour (AWA)
3.6. Outer Sheath	: Extruded PVC compound
3.7. Sheath Colour	: Black

4. Technical Data

4.1. Rated Voltage	: 0.6/1 kV
4.2. Test Voltage	: 3.5 kV
4.3. Conductor Resistance	: In acc. to IEC 60228
4.4. Spec. Insulation Res.	: > 1000 GΩ x cm
4.5. Min. Bending Radius	: 10 x cable diameter
4.6. Temperature Range	: -40°C up to +90°C
4.7. Flame Retardant	: In acc. to IEC 60332-1-2
4.8. EU Directive	: 2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS)
4.9. CE Mark	: Yes

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ref.:

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5. Dimensional Data

Part No.	No. of core and conductor cross- section	Approx. Cable OD	Approx. Cable Wt.
	mm ²	mm	kg/km
3800315	1x25	15.8	645.0
3800316	1x35	17.5	888.0
3800317	1x50	19.0	1107.0
3800318	1x70	21.0	1418.0
3800319	1x95	23.6	1913.0
3800320	1x120	25.4	2275.0
3800321	1x150	27.3	2718.0
3800322	1x185	29.8	3245.0
3800323	1x240	32.8	4021.0
3800324	1x300	36.8	5141.0
3800325	1x400	40.4	6474.0
3800326	1x500	44.1	7872.0
3800327	1x630	50.2	10177.0
3800328	1x800	55.3	12494.0
3800329	1x1000	61.0	15268.0

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