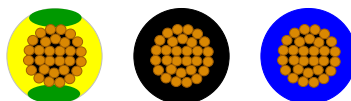


3802210	DATA SHEET	
Valid from: 04.12.2023	ÖLFLEX® WIRE 610 H (former FLEXI H SC)	

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

1. Application

ÖLFLEX® WIRE 610 H is suitable for situation in which low emission of acid gas and smoke is required in case of burning. Suitable for use in switchgear, control panels, building wire installation, lighting installation which are suitable when enclosed in metallic or non-metallic conduit, ducting and trucking protective cover, internal wiring for power control limit switches.

2. Reference Standard(s)

Based on BS 6231

3. Cable Construction

- 3.1. Conductor : Fine strands of bare copper wire acc. to IEC 60228, Cl. 5
- 3.2. Core Insulation : Extruded LSHF compound
- 3.3. Insulation Colours : Refer to Clause 5, Dimensional Data

4. Technical Data

- 4.1. Rated Voltage : 600/1000 V
- 4.2. Test Voltage : 4.0 kV
- 4.3. Conductor Resistance : In acc. to IEC 60228
- 4.4. Min. Bending Radius : 6 x cable diameter
- 4.5. Temperature Range : -30°C up to +90°C
- 4.6. Flame Retardant : In acc. to IEC 60332-1-2, IEC 60332-3-22
- 4.7. Halogen Acid Gas : In acc. to IEC 60754-1
- 4.8. Acidity and Conductivity: In acc. to IEC 60754-2
- 4.9. Smoke Density : In acc. to IEC 61034
- 4.10. EU Directive : 2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS)
- 4.11. CE Mark : Yes

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3802210EN Version: 10	Page 1 of 6
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ref.:

3802210	DATA SHEET	
Valid from: 04.12.2023	ÖLFLEX® WIRE 610 H (former FLEXI H SC)	

<https://lappapac.lappgroup.com>

5. Dimensional Data

Part No.	Conductor Cross-section mm ²	Approx. OD mm	Cable Insulation Colour -	Approx. Wt. kg/km	Cable
3802210	0.5	2.6	Green/Yellow	11.0	
3802211	0.5	2.6	Black	11.0	
3802212	0.5	2.6	Blue	11.0	
3802213	0.5	2.6	Brown	11.0	
3802214	0.5	2.6	Red	11.0	
3802215	0.5	2.6	Grey	11.0	
3802216	0.5	2.6	White	11.0	
3802217	0.5	2.6	Orange	11.0	
3802218	0.5	2.6	Yellow	11.0	
3802219	0.5	2.6	Green	11.0	
3802220	0.75	2.8	Green/Yellow	14.0	
3802221	0.75	2.8	Black	14.0	
3802222	0.75	2.8	Blue	14.0	
3802223	0.75	2.8	Brown	14.0	
3802224	0.75	2.8	Red	14.0	
3802225	0.75	2.8	Grey	14.0	
3802226	0.75	2.8	White	14.0	
3802227	0.75	2.8	Orange	14.0	
3802228	0.75	2.8	Yellow	14.0	
3802229	0.75	2.8	Green	14.0	
3802230	1	2.9	Green/Yellow	16.0	
3802231	1	2.9	Black	16.0	
3802232	1	2.9	Blue	16.0	
3802233	1	2.9	Brown	16.0	
3802234	1	2.9	Red	16.0	
3802235	1	2.9	Grey	16.0	
3802236	1	2.9	White	16.0	
3802237	1	2.9	Orange	16.0	
3802238	1	2.9	Yellow	16.0	
3802239	1	2.9	Green	16.0	
3802240	1.5	3.2	Green/Yellow	22.0	
3802241	1.5	3.2	Black	22.0	
3802242	1.5	3.2	Blue	22.0	
3802243	1.5	3.2	Brown	22.0	
3802244	1.5	3.2	Red	22.0	
3802245	1.5	3.2	Grey	22.0	
3802246	1.5	3.2	White	22.0	
3802247	1.5	3.2	Orange	22.0	
3802248	1.5	3.2	Yellow	22.0	
3802249	1.5	3.2	Green	22.0	

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3802210EN Version: 10	Page 2 of 6
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ref.:

3802210	DATA SHEET	
Valid from: 04.12.2023	ÖLFLEX® WIRE 610 H (former FLEXI H SC)	

<https://lappapac.lappgroup.com>

Part No.	Conductor Cross-section mm ²	Approx. OD mm	Cable Insulation Colour -	Approx. Wt. kg/km	Cable
3802250	2.5	3.6	Green/Yellow	32.0	
3802251	2.5	3.6	Black	32.0	
3802252	2.5	3.6	Blue	32.0	
3802253	2.5	3.6	Brown	32.0	
3802254	2.5	3.6	Red	32.0	
3802255	2.5	3.6	Grey	32.0	
3802256	2.5	3.6	White	32.0	
3802257	2.5	3.6	Orange	32.0	
3802258	2.5	3.6	Yellow	32.0	
3802259	2.5	3.6	Green	32.0	
3802260	4	4.6	Green/Yellow	52.0	
3802261	4	4.6	Black	52.0	
3802262	4	4.6	Blue	52.0	
3802263	4	4.6	Brown	52.0	
3802264	4	4.6	Red	52.0	
3802265	4	4.6	Grey	52.0	
3802266	4	4.6	White	52.0	
3802267	4	4.6	Orange	52.0	
3802268	4	4.6	Yellow	52.0	
3802269	4	4.6	Green	52.0	
3802270	6	5.3	Green/Yellow	76.0	
3802271	6	5.3	Black	76.0	
3802272	6	5.3	Blue	76.0	
3802273	6	5.3	Brown	76.0	
3802274	6	5.3	Red	76.0	
3802275	6	5.3	Grey	76.0	
3802276	6	5.3	White	76.0	
3802277	6	5.3	Orange	76.0	
3802278	6	5.3	Yellow	76.0	
3802279	6	5.3	Green	76.0	
3802280	10	6.3	Green/Yellow	119.0	
3802281	10	6.3	Black	119.0	
3802282	10	6.3	Blue	119.0	
3802283	10	6.3	Brown	119.0	
3802284	10	6.3	Red	119.0	
3802285	10	6.3	Grey	119.0	
3802286	10	6.3	White	119.0	
3802287	10	6.3	Orange	119.0	
3802288	10	6.3	Yellow	119.0	
3802289	10	6.3	Green	119.0	

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3802210EN Version: 10	Page 3 of 6
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ref.:

3802210	DATA SHEET	
Valid from: 04.12.2023	ÖLFLEX® WIRE 610 H (former FLEXI H SC)	

<https://lappapac.lappgroup.com>

Part No.	Conductor Cross-section mm ²	Approx. OD mm	Cable Insulation Colour -	Approx. Wt. kg/km	Cable
3802290	16	7.4	Green/Yellow	175.0	
3802291	16	7.4	Black	175.0	
3802292	16	7.4	Blue	175.0	
3802293	16	7.4	Brown	175.0	
3802294	16	7.4	Red	175.0	
3802295	16	7.4	Grey	175.0	
3802296	16	7.4	White	175.0	
3802297	16	7.4	Orange	175.0	
3802298	16	7.4	Yellow	175.0	
3802299	16	7.4	Green	175.0	
3802300	25	9.2	Green/Yellow	270.0	
3802301	25	9.2	Black	270.0	
3802302	25	9.2	Blue	270.0	
3802303	25	9.2	Brown	270.0	
3802304	25	9.2	Red	270.0	
3802305	25	9.2	Grey	270.0	
3802306	25	9.2	White	270.0	
3802307	25	9.2	Orange	270.0	
3802308	25	9.2	Yellow	270.0	
3802309	25	9.2	Green	270.0	
3802310	35	10.5	Green/Yellow	373.0	
3802311	35	10.5	Black	373.0	
3802312	35	10.5	Blue	373.0	
3802313	35	10.5	Brown	373.0	
3802314	35	10.5	Red	373.0	
3802315	35	10.5	Grey	373.0	
3802316	35	10.5	White	373.0	
3802317	35	10.5	Orange	373.0	
3802318	35	10.5	Yellow	373.0	
3802319	35	10.5	Green	373.0	
3802320	50	12.5	Green/Yellow	519.0	
3802321	50	12.5	Black	519.0	
3802322	50	12.5	Blue	519.0	
3802323	50	12.5	Brown	519.0	
3802324	50	12.5	Red	519.0	
3802325	50	12.5	Grey	519.0	
3802326	50	12.5	White	519.0	
3802327	50	12.5	Orange	519.0	
3802328	50	12.5	Yellow	519.0	
3802329	50	12.5	Green	519.0	

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3802210EN Version: 10	Page 4 of 6
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ref.:

3802210	DATA SHEET	
Valid from: 04.12.2023	ÖLFLEX® WIRE 610 H (former FLEXI H SC)	

<https://lappapac.lappgroup.com>

Part No.	Conductor Cross-section mm ²	Approx. OD mm	Cable Insulation Colour -	Approx. Wt. kg/km	Cable
3802330	70	14.4	Green/Yellow	726.0	
3802331	70	14.4	Black	726.0	
3802332	70	14.4	Blue	726.0	
3802333	70	14.4	Brown	726.0	
3802334	70	14.4	Red	726.0	
3802335	70	14.4	Grey	726.0	
3802336	70	14.4	White	726.0	
3802337	70	14.4	Orange	726.0	
3802338	70	14.4	Yellow	726.0	
3802339	70	14.4	Green	726.0	
3802340	95	16.6	Green/Yellow	960.0	
3802341	95	16.6	Black	960.0	
3802342	95	16.6	Blue	960.0	
3802343	95	16.6	Brown	960.0	
3802344	95	16.6	Red	960.0	
3802345	95	16.6	Grey	960.0	
3802346	95	16.6	White	960.0	
3802347	95	16.6	Orange	960.0	
3802348	95	16.6	Yellow	960.0	
3802349	95	16.6	Green	960.0	
3802350	120	18.3	Green/Yellow	1198.0	
3802351	120	18.3	Black	1198.0	
3802352	120	18.3	Blue	1198.0	
3802353	120	18.3	Brown	1198.0	
3802354	120	18.3	Red	1198.0	
3802355	120	18.3	Grey	1198.0	
3802356	120	18.3	White	1198.0	
3802357	120	18.3	Orange	1198.0	
3802358	120	18.3	Yellow	1198.0	
3802359	120	18.3	Green	1198.0	
3802360	150	20.6	Green/Yellow	1491.0	
3802361	150	20.6	Black	1491.0	
3802362	150	20.6	Blue	1491.0	
3802363	150	20.6	Brown	1491.0	
3802364	150	20.6	Red	1491.0	
3802365	150	20.6	Grey	1491.0	
3802366	150	20.6	White	1491.0	
3802367	150	20.6	Orange	1491.0	
3802368	150	20.6	Yellow	1491.0	
3802369	150	20.6	Green	1491.0	

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3802210EN Version: 10	Page 5 of 6
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3802210	DATA SHEET	
Valid from: 04.12.2023	ÖLFLEX® WIRE 610 H (former FLEXI H SC)	

<https://lappapac.lappgroup.com>

Part No.	Conductor Cross-section mm ²	Approx. OD mm	Cable Insulation Colour -	Approx. Wt. kg/km	Cable
3802370	185	22.8	Green/Yellow	1829.0	
3802371	185	22.8	Black	1829.0	
3802372	185	22.8	Blue	1829.0	
3802373	185	22.8	Brown	1829.0	
3802374	185	22.8	Red	1829.0	
3802375	185	22.8	Grey	1829.0	
3802376	185	22.8	White	1829.0	
3802377	185	22.8	Orange	1829.0	
3802378	185	22.8	Yellow	1829.0	
3802379	185	22.8	Green	1829.0	
3802380	240	26.0	Green/Yellow	2383.0	
3802381	240	26.0	Black	2383.0	
3802382	240	26.0	Blue	2383.0	
3802383	240	26.0	Brown	2383.0	
3802384	240	26.0	Red	2383.0	
3802385	240	26.0	Grey	2383.0	
3802386	240	26.0	White	2383.0	
3802387	240	26.0	Orange	2383.0	
3802388	240	26.0	Yellow	2383.0	
3802389	240	26.0	Green	2383.0	

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3802210EN Version: 10	Page 6 of 6
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