

FLEXI H SC

Flexible halogen-free



Info

- Single core, Flexible
- Halogen-free



Benefits

- Halogen free insulation material and free of releasing corrosive gases in the event of fire
- Protection of human life and the environment caused by the formation of acid in case of fire

Application range

- For use in wiring switchgear, control panel, lighting, and distribution boxes installation
- For installation in enclosed metallic or non-metallic conduit, ducting, and trunking protective cover
- In buildings with a high concentration of people or valuables

Product features

- Flame retardant in acc. to IEC 60332-3-22
- Halogen free in acc. to IEC 60754-1
- Smoke density in acc. to IEC 61034

Approvals (Norm references)



Product Make-up

- Fine strands of bare copper wire
- LSHF core insulation

Technical data

- Core identification code**
Please refer to table
- Based on**
BS 6231, BS EN 50363, resp. AS/NZS 5000.1
- Conductor stranding**
Fine wire acc. to IEC 60228 Cl. 5 / BS 6360 Cl. 5
- Minimum bending radius**
Fixed installation: 6 x cable diameter
- Nominal voltage**
U₀/U: 600/1000 V
- Test voltage**
4000 V
- Temperature range**
-30 °C to +90 °C

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3802210	0.5	2.6	green-yellow	4.8	11
3802211	0.5	2.6	black	4.8	11
3802212	0.5	2.6	blue	4.8	11
3802213	0.5	2.6	brown	4.8	11
3802214	0.5	2.6	red	4.8	11
3802215	0.5	2.6	grey	4.8	11
3802216	0.5	2.6	white	4.8	11
3802217	0.5	2.6	orange	4.8	11
3802218	0.5	2.6	yellow	4.8	11
3802219	0.5	2.6	green	4.8	11
3802220	0.75	2.8	green-yellow	7.2	14
3802221	0.75	2.8	black	7.2	14
3802222	0.75	2.8	blue	7.2	14
3802223	0.75	2.8	brown	7.2	14
3802224	0.75	2.8	red	7.2	14
3802225	0.75	2.8	grey	7.2	14
3802226	0.75	2.8	white	7.2	14
3802227	0.75	2.8	orange	7.2	14
3802228	0.75	2.8	yellow	7.2	14
3802229	0.75	2.8	green	7.2	14
3802230	1.0	2.9	green-yellow	9.6	16
3802231	1.0	2.9	black	9.6	16
3802232	1.0	2.9	blue	9.6	16
3802233	1.0	2.9	brown	9.6	16
3802234	1.0	2.9	red	9.6	16
3802235	1.0	2.9	grey	9.6	16
3802236	1.0	2.9	white	9.6	16
3802237	1.0	2.9	orange	9.6	16
3802238	1.0	2.9	yellow	9.6	16
3802239	1.0	2.9	green	9.6	16
3802240	1.5	3.2	green-yellow	14.4	22
3802241	1.5	3.2	black	14.4	22
3802242	1.5	3.2	blue	14.4	22
3802243	1.5	3.2	brown	14.4	22
3802244	1.5	3.2	red	14.4	22
3802245	1.5	3.2	grey	14.4	22
3802246	1.5	3.2	white	14.4	22
3802247	1.5	3.2	orange	14.4	22
3802248	1.5	3.2	yellow	14.4	22
3802249	1.5	3.2	green	14.4	22
3802250	2.5	3.6	green-yellow	24.0	32
3802251	2.5	3.6	black	24.0	32
3802252	2.5	3.6	blue	24.0	32
3802253	2.5	3.6	brown	24.0	32
3802254	2.5	3.6	red	24.0	32
3802255	2.5	3.6	grey	24.0	32
3802256	2.5	3.6	white	24.0	32
3802257	2.5	3.6	orange	24.0	32
3802258	2.5	3.6	yellow	24.0	32
3802259	2.5	3.6	green	24.0	32
3802260	4.0	4.6	green-yellow	38.4	52
3802261	4.0	4.6	black	38.4	52
3802262	4.0	4.6	blue	38.4	52
3802263	4.0	4.6	brown	38.4	52
3802264	4.0	4.6	red	38.4	52

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3802265	4.0	4.6	grey	38.4	52
3802266	4.0	4.6	white	38.4	52
3802267	4.0	4.6	orange	38.4	52
3802268	4.0	4.6	yellow	38.4	52
3802269	4.0	4.6	green	38.4	52
3802270	6.0	5.3	green-yellow	57.6	76
3802271	6.0	5.3	black	57.6	76
3802272	6.0	5.3	blue	57.6	76
3802273	6.0	5.3	brown	57.6	76
3802274	6.0	5.3	red	57.6	76
3802275	6.0	5.3	grey	57.6	76
3802276	6.0	5.3	white	57.6	76
3802277	6.0	5.3	orange	57.6	76
3802278	6.0	5.3	yellow	57.6	76
3802279	6.0	5.3	green	57.6	76
3802280	10.0	6.3	green-yellow	96.0	119
3802281	10.0	6.3	black	96.0	119
3802282	10.0	6.3	blue	96.0	119
3802283	10.0	6.3	brown	96.0	119
3802284	10.0	6.3	red	96.0	119
3802285	10.0	6.3	grey	96.0	119
3802286	10.0	6.3	white	96.0	119
3802287	10.0	6.3	orange	96.0	119
3802288	10.0	6.3	yellow	96.0	119
3802289	10.0	6.3	green	96.0	119
3802290	16.0	7.4	green-yellow	153.6	175
3802291	16.0	7.4	black	153.6	175
3802292	16.0	7.4	blue	153.6	175
3802293	16.0	7.4	brown	153.6	175
3802294	16.0	7.4	red	153.6	175
3802295	16.0	7.4	grey	153.6	175
3802296	16.0	7.4	white	153.6	175
3802297	16.0	7.4	orange	153.6	175
3802298	16.0	7.4	yellow	153.6	175
3802299	16.0	7.4	green	153.6	175
3802300	25.0	9.2	green-yellow	240.0	270
3802301	25.0	9.2	black	240.0	270
3802302	25.0	9.2	blue	240.0	270
3802303	25.0	9.2	brown	240.0	270
3802304	25.0	9.2	red	240.0	270
3802305	25.0	9.2	grey	240.0	270
3802306	25.0	9.2	white	240.0	270
3802307	25.0	9.2	orange	240.0	270
3802308	25.0	9.2	yellow	240.0	270
3802309	25.0	9.2	green	240.0	270
3802310	35.0	10.5	green-yellow	336.0	373
3802311	35.0	10.5	black	336.0	373
3802312	35.0	10.5	blue	336.0	373
3802313	35.0	10.5	brown	336.0	373
3802314	35.0	10.5	red	336.0	373
3802315	35.0	10.5	grey	336.0	373
3802316	35.0	10.5	white	336.0	373
3802317	35.0	10.5	orange	336.0	373
3802318	35.0	10.5	yellow	336.0	373
3802319	35.0	10.5	green	336.0	373

Control Cabinet Single Cores

Various applications

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3802320	50.0	12.5	green-yellow	480.0	519
3802321	50.0	12.5	black	480.0	519
3802322	50.0	12.5	blue	480.0	519
3802323	50.0	12.5	brown	480.0	519
3802324	50.0	12.5	red	480.0	519
3802325	50.0	12.5	grey	480.0	519
3802326	50.0	12.5	white	480.0	519
3802327	50.0	12.5	orange	480.0	519
3802328	50.0	12.5	yellow	480.0	519
3802329	50.0	12.5	green	480.0	519
3802330	70.0	14.4	green-yellow	672.0	726
3802331	70.0	14.4	black	672.0	726
3802332	70.0	14.4	blue	672.0	726
3802333	70.0	14.4	brown	672.0	726
3802334	70.0	14.4	red	672.0	726
3802335	70.0	14.4	grey	672.0	726
3802336	70.0	14.4	white	672.0	726
3802337	70.0	14.4	orange	672.0	726
3802338	70.0	14.4	yellow	672.0	726
3802339	70.0	14.4	green	672.0	726
3802340	95.0	16.6	green-yellow	912.0	960
3802341	95.0	16.6	black	912.0	960
3802342	95.0	16.6	blue	912.0	960
3802343	95.0	16.6	brown	912.0	960
3802344	95.0	16.6	red	912.0	960
3802345	95.0	16.6	grey	912.0	960
3802346	95.0	16.6	white	912.0	960
3802347	95.0	16.6	orange	912.0	960
3802348	95.0	16.6	yellow	912.0	960
3802349	95.0	16.6	green	912.0	960
3802350	120.0	18.3	green-yellow	1,152.0	1198
3802351	120.0	18.3	black	1,152.0	1198
3802352	120.0	18.3	blue	1,152.0	1198
3802353	120.0	18.3	brown	1,152.0	1198
3802354	120.0	18.3	red	1,152.0	1198

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3802355	120.0	18.3	grey	1,152.0	1198
3802356	120.0	18.3	white	1,152.0	1198
3802357	120.0	18.3	orange	1,152.0	1198
3802358	120.0	18.3	yellow	1,152.0	1198
3802359	120.0	18.3	green	1,152.0	1198
3802360	150.0	20.6	green-yellow	1,440.0	1491
3802361	150.0	20.6	black	1,440.0	1491
3802362	150.0	20.6	blue	1,440.0	1491
3802363	150.0	20.6	brown	1,440.0	1491
3802364	150.0	20.6	red	1,440.0	1491
3802365	150.0	20.6	grey	1,440.0	1491
3802366	150.0	20.6	white	1,440.0	1491
3802367	150.0	20.6	orange	1,440.0	1491
3802368	150.0	20.6	yellow	1,440.0	1491
3802369	150.0	20.6	green	1,440.0	1491
3802370	185.0	22.8	green-yellow	1,776.0	1829
3802371	185.0	22.8	black	1,776.0	1829
3802372	185.0	22.8	blue	1,776.0	1829
3802373	185.0	22.8	brown	1,776.0	1829
3802374	185.0	22.8	red	1,776.0	1829
3802375	185.0	22.8	grey	1,776.0	1829
3802376	185.0	22.8	white	1,776.0	1829
3802377	185.0	22.8	orange	1,776.0	1829
3802378	185.0	22.8	yellow	1,776.0	1829
3802379	185.0	22.8	green	1,776.0	1829
3802380	240.0	26.0	green-yellow	2,304.0	2383
3802381	240.0	26.0	black	2,304.0	2383
3802382	240.0	26.0	blue	2,304.0	2383
3802383	240.0	26.0	brown	2,304.0	2383
3802384	240.0	26.0	red	2,304.0	2383
3802385	240.0	26.0	grey	2,304.0	2383
3802386	240.0	26.0	white	2,304.0	2383
3802387	240.0	26.0	orange	2,304.0	2383
3802388	240.0	26.0	yellow	2,304.0	2383
3802389	240.0	26.0	green	2,304.0	2383

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.

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