



FR-6387 MC CONTROL

Fire resistant cables

i Info

- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A
- Multicore control cable, 300/500 V



Application range

- Specially designed to be used for wiring applications in critical life safety systems in public and industrial buildings such as airports, hotels, hospitals, subways, train stations, etc.
- In building management systems, emergency lightings, standby power supplies, lifts and elevators
- Plant engineering and construction, industrial machinery, power station

Product features

- Flame retardant acc. to IEC 60332-1-2 and to IEC 60332-3-22
- Halogen free acc. to IEC 60754-1
- Acid and corrosive gases acc. to IEC 60754-2
- Smoke density test acc. to IEC 61034

Norm references / Approvals

- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A
- Approved to IEC 60332-3-22 Cat. A

Product Make-up

- Stranded plain annealed copper wire
- Mica based fire resistance tape
- XLPE insulation
- Mylar tape wrapping
- Binder tape
- LSHF outer sheath
- Colour: orange

Technical data

Classification
 ETIM ETIM 5.0 Class-Description: Control cable
 ETIM 5.0 Class-ID: EC000104

Conductor stranding
 acc. to IEC 60228 Cl. 2

Minimum bending radius
 10 x cable diameter

Nominal voltage
 U₀/U: 300/500 V

Temperature range
 -30°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
FR-6387 MC CONTROL					
3806560	2 X 1.0	7.8	BK/RD	19.2	69
3806561	2 X 1.0	7.8	BK/WH	19.2	69
3806562	2 X 1.0	7.8	BU/BN	19.2	69
3806563	3 X 1.0	8.8	BN/BK/GY	28.8	88
3806564	4 X 1.0	9.6	BU/BN/BK/GY	38.4	110
3806565	5 X 1.0	10.5	GNYE/BU/BN/BK/GY	48.0	136
3806566	7 X 1.0	11.5	WH	67.2	170
3806567	8 X 1.0	13.0	WH	76.8	199
3806568	10 X 1.0	14.8	WH	96.0	255
3806569	12 X 1.0	15.3	WH	115.2	281
3806570	14 X 1.0	16.2	WH	134.4	321
3806571	16 X 1.0	17.1	WH	153.6	367
3806572	19 X 1.0	18.1	WH	182.4	420
3806573	24 X 1.0	21.4	WH	230.4	545
3806580	2 X 1.5	8.4	BK/RD	28.8	88
3806581	2 X 1.5	8.4	BK/WH	28.8	88
3806582	2 X 1.5	8.4	BU/BN	28.8	88
3806583	3 X 1.5	9.9	BN/BK/GY	43.2	115
3806584	4 X 1.5	10.9	BU/BN/BK/GY	57.6	147
3806585	5 X 1.5	12.0	GNYE/BU/BN/BK/GY	72.0	182
3806586	7 X 1.5	13.1	WH	100.8	230
3806587	8 X 1.5	14.8	WH	115.2	268
3806588	10 X 1.5	17.0	WH	144.0	346
3806589	12 X 1.5	17.6	WH	172.8	383
3806590	14 X 1.5	18.5	WH	201.6	438
3806591	16 X 1.5	19.6	WH	230.4	502
3806592	19 X 1.5	20.8	WH	273.6	576
3806593	24 X 1.5	24.6	WH	345.6	749
3806600	2 X 2.5	10.5	BK/RD	48.0	118
3806601	2 X 2.5	10.5	BK/WH	48.0	118
3806602	2 X 2.5	10.5	BU/BN	48.0	118
3806603	3 X 2.5	11.2	BN/BK/GY	72.0	157
3806604	4 X 2.5	12.3	BU/BN/BK/GY	96.0	203
3806605	5 X 2.5	13.5	GNYE/BU/BN/BK/GY	120.0	253
3806606	7 X 2.5	14.9	WH	168.0	322
3806607	8 X 2.5	16.9	WH	192.0	376
3806608	10 X 2.5	19.3	WH	240.0	485
3806609	12 X 2.5	20.0	WH	288.0	541
3806610	14 X 2.5	21.1	WH	336.0	621
3806611	16 X 2.5	22.4	WH	384.0	713
3806612	19 X 2.5	23.7	WH	456.0	821
3806613	24 X 2.5	28.1	WH	576.0	1,066

• 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.

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