



ÖLFLEX® FIRE INSTRUM

Fire Survival cable acc. to BS 6387 for circuit integrity of CWZ category

Info

- Fire tested acc. to BS 6387 Cat. CWZ
- Twisted Pairs/Triads 500 V

Benefits

- Suitable for installation in underground tunnels where fire safety is critical
- Armouring provides excellent protection against high mechanical stress and rodents
- AR (Anti Rodent) protection against rodents.

Application range

- In areas whereby there is a need to maintain circuit integrity for prolonged period of time in a fire situation, these cables provides vital additional time to accomplish the evacuation of personnel, to contain and minimize the damage to equipment, plant and buildings, and to mount an effective fire fighting operation
- Specially used in wiring applications in critical life safety systems (e.g. Building Management Systems, emergency lightings, standby power supplies, lifts & elevators) in public such as airports, hotels, hospitals, subways, train stations, etc.
- Plant Engineering and Construction, Industrial Machinery and Power stations

Product features

- Fire Test : Acc to BS 6387 Cat. CWZ
- Flame Retardant: IEC 60332-1-2 & IEC 60332-3-24 (BS EN 50266-2-4)
- Halogen Free : In acc. to IEC 60754-1
- Acid and Corrosive Gases : In acc. to IEC 60754-2
- Smoke Density Test : In acc. to IEC 61034

Norm references / Approvals

- Ref. BS 7846
- Fire test based on BS 6387 Cat. CWZ

Product Make-up

- Conductor : Annealed bare copper conductor (IS 8130 / IEC 60228)
- Flame Barrier Tape :MICA
- Insulation : XLPE (IS 7098-1)
- Inner Sheath : Low Smoke Zero Halogen with flame retardant
- Armouring : GI Round Wire
- Laid Up :Cores / Twisted Pairs/Triads are Laid together
- Outer Sheath : Low Smoke Zero Halogen with flame retardant of colour BK / RD and option available on additional properties UVAR

Technical data

- Core identification code**
Pair : Blue & Brown (Repeats with Numerical Printing),
Triad : Blue, Brown & Black (Repeats with Numerical Printing)
- Conductor stranding**
Class 2
- Minimum bending radius**
18 X OD
- Nominal voltage**
500 V
- Temperature range**
-5 °C up to +90 °C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INSTRUM OS					
382030404	1 X 2 X 1.5	15.0	black	26.8	374
382030405	1 X 2 X 1.5	15.0	red	26.8	374
382030428	1 X 3 X 1.5	15.6	black	40.1	414
382030429	1 X 3 X 1.5	15.6	red	40.1	414
382030406	1 X 2 X 2.5	16.4	black	43.4	441
382030407	1 X 2 X 2.5	16.4	red	43.4	441
382030430	1 X 3 X 2.5	17.3	black	65.2	507
382030431	1 X 3 X 2.5	17.3	red	65.2	507
382030410	2 X 2 X 2.5	23.2	black	86.9	855
382030435	2 X 2 X 2.5	25.3	red	130.3	1,003
382030414	3 X 2 X 2.5	24.4	black	130.3	968
382030439	3 X 2 X 2.5	26.7	red	195.4	1,172
382030419	4 X 2 X 2.5	26.4	red	173.7	1,124
382030443	4 X 2 X 2.5	29.2	red	260.6	1,393
382030423	5 X 2 X 2.5	28.5	red	217.2	1,286
382030447	5 X 2 X 2.5	31.5	red	325.7	1,594
382030427	6 X 2 X 2.5	30.7	red	260.6	1,450
382030451	6 X 2 X 2.5	34.9	red	390.9	2,012
ÖLFLEX® INSTRUM OS UVAR					
382030452	1 X 2 X 1.5	15.0	black	26.8	374
382030453	1 X 2 X 1.5	15.0	red	26.8	374
382030476	1 X 3 X 1.5	15.6	black	40.1	414
382030477	1 X 3 X 1.5	15.6	red	40.1	414
382030454	1 X 2 X 2.5	16.4	black	43.4	441
382030455	1 X 2 X 2.5	16.4	red	43.4	441
382030459	2 X 2 X 2.5	23.2	red	86.9	855
382030467	4 X 2 X 2.5	26.4	red	173.7	1,124
382030478	1 X 3 X 2.5	17.3	black	65.2	507
382030479	1 X 3 X 2.5	17.3	red	65.2	507
382030483	2 X 3 X 2.5	25.3	red	130.3	1,003
382030491	4 X 3 X 2.5	29.2	red	260.6	1,393
ÖLFLEX® INSTRUM ISOS					
382030500	2 X 2 X 1.5	22.7	black	53.5	805
382030501	2 X 2 X 1.5	22.7	red	53.5	805
382030508	4 X 2 X 1.5	26.1	black	107.0	1,078
382030502	2 X 2 X 2.5	25.2	black	86.9	968
382030503	2 X 2 X 2.5	25.2	red	86.9	968
ÖLFLEX® INSTRUM ISOS UVAR					
382030540	2 X 2 X 1.5	22.7	black	53.5	805
382030541	2 X 2 X 1.5	22.7	red	53.5	805
382030542	2 X 2 X 2.5	25.2	black	86.9	968
382030543	2 X 2 X 2.5	25.2	red	86.9	968
382030579	6 X 3 X 2.5	38.4	red	390.9	2,322

• Photographs are not to scale and do not represent detailed images of the respective products. • 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.

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 ETHERLINE®
 HITRONIC®
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 SKINTOP®
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 APPENDIX