

3804079	DATA SHEET	
Valid from: 03.03.2023	ÖLFLEX® FIRE 6387 SC TWISTED	

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

1. Application

Specially designed to be used in wiring applications in critical life safety systems (e.g. Building Management Systems, emergency lightings, standby power supplies, lifts & elevators) in public and industrial buildings such as airports, hotels, hospitals, subways, train stations, etc.

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.

2. Reference Standard(s)

Based on IEC 60092-350, BS 6387, SS 299-1

3. Cable Construction

- 3.1. Conductor : Stranded plain annealed copper wire acc. to IEC 60228, Cl. 2
- 3.2. Fire Barrier : Layers of mica fire resistant tape
- 3.3. Core Insulation : Extruded LSHF compound
- 3.4. Assembly of Cores : Cores are twisted in S direction
- 3.5. Insulation Colours : Red/Black
Brown/Blue

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. Min. Bending Radius : 10 x cable diameter
- 4.5. Temperature Range : -15°C to +85°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)

5. Certification

TÜV SÜD PSB type certification reference to ÖLFLEX® FIRE 6387 SC 1x1.5mm², PN: 3806502

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6. Dimensional Data

Part No.	Conductor cross-section mm ²	Core Insulation Colour -	Approx. Cable OD mm	Approx. Cable Wt. kg/km
3804079	2x (1x1.5) Twisted	Red/Black	8.2	32
3804080	2x (1x1.5) Twisted	Brown/Blue	8.2	32

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