

*Cables for*

# DALI

## Applications

*400 Series Dca*

DALI (Digital Addressable Lighting Interface ) is an international standard communication protocol (IEC 62386), a global standard for dimming and digital lighting control. DALI is an open non-proprietary standard that makes genuine freely addressable lighting control a reality . DALI is very easy to install, extremely versatile and a much more cost-effective solution than many lighting control systems already on the market, despite its greater functionality.

Innovative DALI lighting solutions can be now be perfectly integrated in modern building control systems (BCS). Special gateways act as "translators" between building control systems (BCS) and DALI. They ensure that all the benefits of DALI can also be used in building management

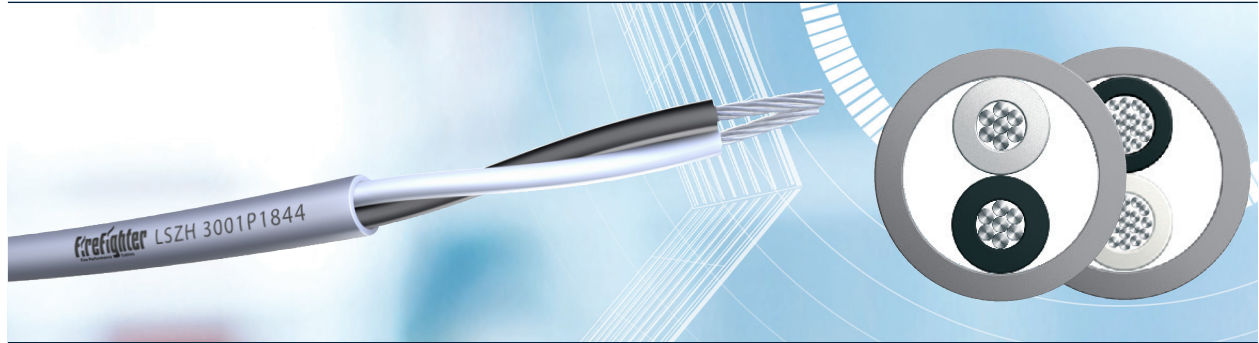
## Characteristics

- UV Stable acc. to ISO 4892-2/A
- Flame retardant acc. to IEC 60332-1-2
- Halogen Free acc. to IEC 60754-1
- Smoke Density acc. to IEC 61034
- Euroclass Dca-S2-D2-A1



Improved reaction Non-flame propagation  
Improved heat emission

## DAI Cables LSZH FireFighter® 600V 400Series Dca <UV Acc. ISO 4892-2/A>



### Description

Recommended minimum DAI cable conductor size and cable run lengths are as follows:

- Up to 100 meters: 20awg
- Up to 150 meters: 18awg
- Up to 200 metres: 16awg
- Up to 300 meters: 14awg (more than 300 meters: not recommended - avoid runs over 300 meters)

### Technical Description

Cores	Stranded Tinned Copper wire. LSZH FireFighter® Insulated IEC 60332-1, black/white cores.
Formation	2 cores twisted to a pair
Outer Jacket	LSZH FireFighter® IEC 60332-1 600 V
Colour	Grey

### Specification

Part Number	Construction	Overall Diameter (mm)	Max. Installation Length
4001P2044-BW	1 x 2 x 20 awg	4,57	100 m
3001P1844	1 x 2 x 18 awg	6,00	150 m
4001P1644	1 x 2 x 16 awg	6,70	200 m
4001P1444	1 x 2 x 14 awg	8,64	300 m