# MEDIA TECHNOLOGY WITH INTEGRATED FIRE PROTECTION

Overview 05/2024

# BENEFITS

**Integrated fire protection installed in media technology can mitigate the risks of fires due to electricity.**

At airports or train stations, at government officesor clinics, in shopping centers or building entrances: Digital media technology is increasingly being used as a signpost, information medium and advertising medium or to bridge waiting times for visitors with entertaining content. The added value of digital systems is obvious. The situation is less clear when it comes to fire safety requirements and the building approval of media technology for installation in sensitive areas. Vending machines, ticket printers, touchscreens, charging columns, photocopiers and similar electrical devices can also be found in increasing numbers in public buildings – and therefore in sensitive areas that are subject to high requirements in terms of preventive fire protection.

**Advantages for building authorities, fire protection planners and operators of sensitive areas**

- Simplifies the comparability of different providers through certified products
- Accelerates digitization projects
- Also enables installations in the escape and rescue routes
- Increases safety for people and buildings
- Fulfillment of protection goals with effective fire protection
- Creates clarity between operator, planner, manufacturer and building authority

**Fire scenarios considered:**

Fire from the outside

Fire from the inside

**Manufacturers who offer products according to VdS 6024 (May. 2024)**

# LED

| Article Name | JOB Partner | Extinguishing Solution | Tested based on VdS 6024 | Remarks |
|---|---|---|---|---|
| CreateLED Air Ultra-R 3 Outdoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED DB1.5m4 LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED DB1.9m4 LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED DB2.6 LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED DB3.4 LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP0.9LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP1.25proLE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP1.56LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP1.56m4LE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP1.56proLE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP1.87proLE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP2.5proLE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| INFILED WP3.1proLE Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| LG LSCB012RK 1,2 mm Pixel-Pitch | LTC GmbH | E-Bulb | Yes | |
| LG LSCB012RK 1,5 mm Pixel-Pitch | LTC GmbH | E-Bulb | Yes | |
| LG LSCB012RK 1,8 mm Pixel-Pitch | LTC GmbH | E-Bulb | Yes | |
| LG LSCB012RK 2,5 mm Pixel-Pitch | LTC GmbH | E-Bulb | Yes | |
| NEC FE025I2 Indoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC FE025I2-B Indoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC FE031I2 Indoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC FE031I2-B Indoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC FE038I2 Indoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC FE038I2-B Indoor LED Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| Outdoor LED video display JVX-1200 | Daktronics | E-Bulb | | |
| Recience VQ250dx LEmFP LED Cabinet, GOB, with media FIRE PROTECT | LANG AG | E-Bulb | | |
| Recience VX195d LEmFP LED Cabinet, GOB, with media FIRE PROTECT | LANG AG | E-Bulb | | |
| Recience VX260d LEmFP LED Cabinet, GOB, with media FIRE PROTECT | LANG AG | E-Bulb | | |
| Samsung VMR-Outdoor p3.9-LEmFP, Cabinet with media FIRE PROTECT | LANG AG | E-Bulb | | |
| WALTON M32D210, 32" | WALTON | E-Bulb | Yes | |
| WALTON MD40RGR, 40" | WALTON | E-Bulb | Yes | |
| WALTON W32D210, 32" | WALTON | E-Bulb | Yes | |
| WALTON WD40HLR, 40" | WALTON | E-Bulb | Yes | |

# DISPLAYS

| Article Name | JOB Partner | Extinguishing Solution | Tested based on VdS 6024 | Remarks |
|---|---|---|---|---|
| Digital Signage 22" with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| Digital Signage 32" with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| Digital Signage 43" with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| Daktronics DVX-X200 cabinet | Daktronics | E-Bulb | | |
| gekartel D32 32" Display HDMI with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel D43 43" Display HDMI with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel POS-22 Display 22" Android based with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel POS-22W Display 22" Windows based with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel POS-32 Display 32" Android based with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel POS-32W Display 32" Windows based with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel POS-43 Display 43" Android based with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| gekartel POS-43W Display 43" Windows based with integrated fire suppression system | gekartel AG | E-Bulb | Yes | holds VdS 6024 certificate |
| media FIRE PROTECT Display Box R-AMFE Dual | LANG AG | AMFE | | |
| NEC M551 with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC M651 PG-2 with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC M651 with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC MA551 with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC MultiSync M751 75" LC Display with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC MultiSync M861 86" LC Display with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC MultiSync P555 55" LC Display with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC MultiSync P754Q 75" LC Display with media FIRE PROTECT | LANG AG | E-Bulb | | |
| NEC MultiSync UN552 55" LC Display with media FIRE PROTECT | LANG AG | E-Bulb | | |

# PROJECTORS

| Article Name | JOB Partner | Extinguishing Solution | Tested based on VdS 6024 | Remarks |
|---|---|---|---|---|
| Air conditioning or dust protection housing for projectors with media FIRE PROTECT | LANG AG | E-Bulb | | different sizes available |
| media FIRE PROTECT Display Box R-AMFE Dual | LANG AG | E-Bulb | | |

# STELE AND HOUSINGS

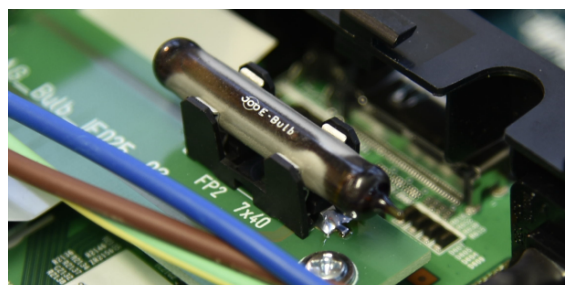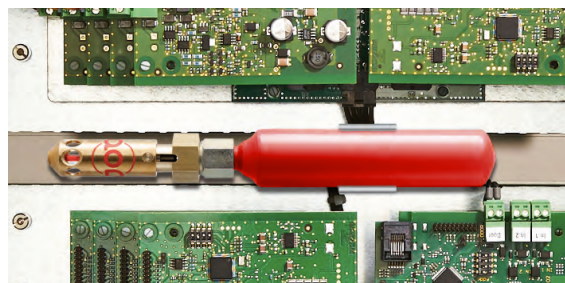| Article Name | JOB Partner | Extinguishing Solution | Tested based on VdS 6024 | Remarks |
|---|---|---|---|---|
| Digital Signage Touch - Stele Lena 50 FP PRO | Werkstation | AMFE | Yes | BSE |
| Display housing Dani 50 FP PRO | Werkstation | AMFE | | |

# AMFE & E-BULB

## AMFE

The AMFE automatically detects fires in control cabinets and electrical devices. The system prevents the spread of fire and further property damage. JOB's AMFE protects devices and systems in industry-, household- and consumer electronics. (E.g. control cabinets, household appliances, monitors.)

## E-BULB

The E-Bulb is a fire-extinguishing thermal fuse and consists of a coated glass ampoule filled with residue-free extinguishing agent. The smallest version is just two centimetres tall, as small as a typical micro-fuse, or a 1 Euro coin. This makes the E-Bulb the smallest fire extinguisher in the world.

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