

# BITNER CABLES FOR BMS INSTALLATION



## Building Management System

is a technologically advanced solution used in offices, industrial facilities, public utility buildings and detached houses. The purpose of such a system is to control installations located in the building, increase the level of comfort and safety while minimizing operating costs. The BMS system integrates, controls, monitors and reports the operation of such elements as:

- IT network
- lighting control
- air handling and cooling plant systems
- heating control
- security systems
- fire alarm system
- access control

The aim of Building Management System is to collect, process and use information regarding the current state of each installation and to ensure effective cooperation of all systems. Coordinating numerous systems often requires a special type of cabling that can secure the correct power supply and integrate all applications working together. Cable Factory BITNER makes every effort to ensure that the wide range of cables dedicated to building automation has various applications in appropriate control systems and meets users' demanding requirements. This possibility is guaranteed by technologically advanced constructions and state-of-the-art raw materials.

Cable Factory BITNER Ltd.

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...learn more



# APPLICATION

## Bit 1000® Power 0,6/1kV



Operating temperature min. -40°C max. 80°C

- for direct burial in ground
- for supplying power to electric devices inside and outside the building



## Bit 500® H 300/500V



Operating temperature min. -40°C max. 80°C

- for operation in control and protective devices as well as in control circuits
- for installation in industrial areas with increased fire safety requirements



## Bit 500® BLACK FR 300/500V



Operating temperature min. -40°C max. 80°C

- for supplying and controlling fan coil units, radiator valves, lighting
- for regulating the heater pumps

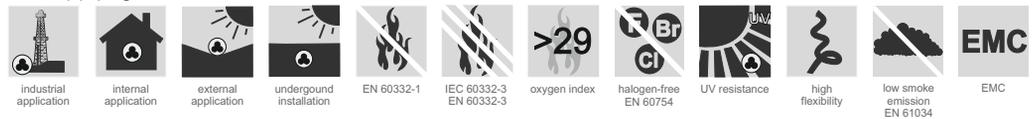


## Bit servo® UV 3plus 2XSLCHK-J 0,6/1kV



Operating temperature min. -40°C max. 90°C

- for converter-motor connections
- for supplying fans

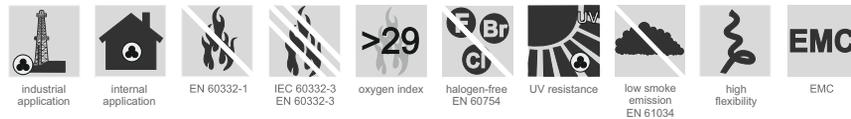


## Bit 500® (St)CH 300/500V



Operating temperature min. -40°C max. 80°C

- for operation in control and protection devices as well as in control circuits



## BitLAN U/UTP, F/UTP, S/FTP (LSOH)



Operating temperature min. -30°C max. 70°C

- for transmission of data, audio and video signals (category 5e - 7A, in the PVC and LSOH version)



## Bit LiYY, Bit LiYCY\* 300/500V



Operating temperature min. -40°C max. 80°C

- for control and signaling circuits
- for transmission of data

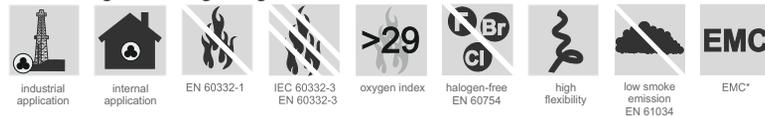


## Bit LiHH, Bit LiHCH\* 300/500V



Operating temperature min. -40°C max. 80°C

- for signalling control circuits, control circuits in industrial applications
- for analogue and digital signals transmission



## Bit E-BUS, Bit E-BUS H\*



Operating temperature min. -40°C max. 80°C

- for transmission of BUS signals in intelligent building management systems (lighting, temperature, air conditioning, access control and more)



## Bit sensor PE(St)CH 300V



Operating temperature min. -40°C max. 80°C

- for serial bus operation EIA/RS-485
- to protocol-based networks BACnet MS/TP, Linknet, Modbus RTU, etc.



## Bit sensor PE-PVC Blue 2x2x22AWG 300V



Operating temperature min. -30°C max. 80°C

- for digital or analogue signal data transmission
- dedicated to RS 485 transmission



## Bit L2 BUS



Operating temperature min. -40°C max. 80°C

- for connecting components (standard 486) and transmission of analogue and digital signals

