

Vienna, 2015-05-06

Reference: RoHS Directive (2011/65/EU)

Dear customer!

We hereby confirm and guarantee that following mentioned products, and all associated component parts, supplied to our customers are free from substances in accordance with the RoHS directive (2011/65/EU) on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Please see list below.

PRODUCT / PRODUCT GROUP

- **ADS-T - Multi-tone Alarm Sounders A with Light Indicator:** all
- **BDM – Pole connection box for magnetic mounting:** all
- **BDV – Pole connection box for vertical mounting:** all
- **BDW – Pole connection box for horizontal mounting:** all
- **BHW/BMW – Pole mount bases on aluminium tube with foot adapter for quick mounting:** all
- **BKG – Flashing Beacons 120mm:** 24V AC/DC, 48V AC/DC, 110V AC, 230V AC
- **BLG – LED-Flashing Beacons 120mm:** all except BLG-S03
- **BMR – Pole mount base on aluminium tube with plastic foot:** all
- **BMV/BVW – Bases for vertical mounting:** all
- **BSR – Pole mount base on stainless steel tube with zinc die-cast foot, powder coated:** all
- **BSS – Set for vertical mounting (for BWS):** all
- **Bulb:** 24V – 7W, 110/120V – 7W, 230/240V- 7W
- **BU1 - Surface Mount Buzzer-Electronic Siren:** all
- **BU2/BU3 - M28 Panel Mount Buzzer:** all
- **BWS – Pole mount base on aluminium tube for horizontal mounting with screw:** all
- **BZG – Strobe Beacons 5J:** 12V DC, 12V AC/DC, 24V DC, 24V AC/DC, 42V AC/DC, 48V DC, 48V AC/DC, 110V AC, 230V AC

PRODUCT / PRODUCT GROUP

- **BZG – Strobe Beacons 15J:** 12V DC, 24V DC, 110V AC, 230V AC
- **BZL – Strobe Beacons 5J:** 12V DC, 12V AC/DC, 24V DC, 24V AC/DC, 42V AC/DC, 48V DC, 48V AC/DC, 110V AC, 230V AC
- **BZL – Strobe Beacons 15J:** 12V DC, 24V DC, 110V AC, 230V AC, 110V AC
- **CDD – Piezo buzzer module, continuous tone:** all
- **CDP – Piezo buzzer module, pulsing tone:** all
- **CDZ – Piezo buzzer module, continuous and pulsing tone:** all
- **CLB/CLL – LED-flashing light/-steady light module:** all
- **CMR – Pole mount base on aluminium tube with plastic foot:** all
- **CSW – Pole mount base on aluminium tube for horizontal mounting with screw:** all
- **dHE – Ex proof Sound Generators:** 85-265V AC
- **dHF – Ex proof Strobe Beacons:** 230/240V AC
- **dHH – Ex proof Signal Horns:** 6V AC 50Hz, 24V AC 50Hz, 42V AC 50Hz, 48V AC 50Hz, 60V AC 50Hz, 110V AC 50Hz, 120V AC 60Hz, 230V AC 50Hz, 240V AC 60Hz, 6V DC, 12V DC, 24V DC, 48V DC, 60V DC, 110V DC, 220V DC
- **dHR – Ex proof rotating signal beacon:** 12V DC, 24V AC/DC, 110/120V AC, 230/240V AC
- **dHS – Ex proof Loudspeakers:** 100V AC
- **DLG – LED-Steady Beacons 120mm:** all
- **ECOmodul40 - Modular Signal Towers:** all
- **ECOmodul60 - Modular Signal Towers:** all
- **ECOmodul70 - Modular Signal Towers:** all
- **EHF – Electronic Sound Generators:** EHF-D 12-24V AC/DC, EHF-D 110V AC, EHF-D 230V AC, EHF-K 12-24V AC/DC, EHF-K 110V AC, EHF-K 230V AC
- **EHL – Electronic Sound Generators:** EHL-D 12-24V AC/DC, EHL-D 110V AC, EHL-D 230V AC, EHL-K 12-24V AC/DC, EHL-K 110V AC, EHL-K 230V AC, EHL-S01 230V AC, EHL-S02 12-24V AC/DC, EHL-S03 230V AC
- **EHS – Electronic Sound Generators:** EHS-D 12-24V AC/DC, EHS-D 110V AC, EHS-D 230V AC, EHS-K 12-24V AC/DC, EHS-K 110V AC, EHS-K 230V AC, EHG-S01 110V AC, EHG-S02 230V AC, EHG-S03 110V AC, EHG-S04 24V AC/DC, EHG-S05 12-24V AC/DC, EHG-S06 230V AC, EHG-S07 230V AC, EHG-S08 24V AC/DC, EHG-S09 230V AC, EHG-S10 115V AC, EHG-S11 230V AC, EHG-S13 230V AC, EHG-S14 24V DC, EHG-S15 230V AC, EHG-S16 24V DC, EHG-S17 24V AC/DC

PRODUCT / PRODUCT GROUP

- **EDG – M22 Panel Mount Buzzer - LED Beacon 65mm:** 24V AC/DC grey/red, 120V AC grey/red, 24V AC/DC grey/clear, 120V AC grey/clear, 24V AC/DC grey/blue, 120V AC grey/blue, 24V AC/DC grey/green, 120V AC grey/green, 24V AC/DC green/yellow, 120V AC green/yellow, 24V AC/DC black/red, 120V AC black/red, 24V AC/DC black/clear, 120V AC black/clear, 24V AC/DC black/blue, 120V AC black/blue, 24V AC/DC black/green, 120V AC black/green, 24V AC/DC black/green, 120V AC black/green.
- **EDM – M22 Panel Mount Buzzer - LED Beacon 45mm:** all except 12V AC/DC grey/amber, 12V AC/DC grey/red, 12V AC/DC grey/clear, 12V AC/DC grey/blue, 12V AC/DC grey/green, 12V AC/DC grey/yellow, 12V AC/DC black/amber, 12V AC/DC black/red, 12V AC/DC black/clear, 12V AC/DC black/blue, 12V AC/DC black/green, 12V AC/DC black/yellow.
- **ELG – M22 Panel Mount Buzzer - LED Beacon 65mm:** all except 24V AC/DC grey/amber, 120V AC grey/amber, 240V AC grey/amber, 24V AC/DC black/amber, 120V AC black/amber, 240V AC black/amber
- **ELM – M22 Panel Mount Buzzer - LED Beacon 45mm:** 24V AC/DC grey/red, 120V AC/DC grey/red, 240V AC/DC grey/red, 24V AC/DC grey/green, 120V AC grey/green, 240V AC grey/green, 24V AC/DC black/red, 120V AC black/red, 240V AC black/red, 24V AC/DC black/green, 120V AC black/green, 240V AC black/green
- **ESD/ESP - M28 Panel Mount Buzzer:** ESD 24V AC/DC, ESD 48V AC/DC, ESD 230V AC, ESP 24V AC/DC, ESP 48V AC/DC, ESP 230V AC, ESD-S02 24V DC, ESD-S03 24V DC, ESD-S04 24V DC, ESD-S06 24V DC, ESD-S07 24V DC, ESP-S01 24V AC/DC, ESP-S03 24V AC/DC
- **ESG – M22 Panel Mount Buzzer:** all except 72V DC
- **ESK/ESV/ESM – M22 Panel Mount Buzzer 30mm/45mm:** all
- **ESZ – M28 Panel Mount Buzzer:** ESZ-K 24V AC/DC, ESZ-K 48V AC/DC, ESZ-K 110V AC, ESZ-K 230V AC, ESZ-S 24V AC/DC, ESZ-S 48V AC/DC, ESZ-S 110V AC, ESZ-S 230V AC
- **FLG – Strobe Beacons 120mm:** all
- **FLK – Strobe Beacons 60mm:** 12-24V AC/DC, 48V AC/DC, 110V AC, 230V AC
- **Half Dome 90:** all HD2, HD3, HD4 and HD5
- **HMK – Mini Horns:** 24V DC, 48V DC, 48V AC, 220V DC, 230V AC
- **HPT – Signal Horns:** 6V DC, 12V DC, 24V DC, 48V DC, 60V DC, 110V DC, 220V DC, 6V AC, 12V AC, 24V AC, 42V AC, 48V AC, 42-48V AC, 60V AC, 110V AC, 380V AC, 48V 60Hz, 110V 60Hz, 120V 60Hz, 240V 60Hz, 230V 50Hz, 240V 60Hz, 230V 50/60Hz
- **HTG – Signal Horns:** 6V DC, 12V DC, 24V DC, 48V DC, 60V DC, 110V DC, 220V DC, 6V AC, 12V AC, 24V AC, 42V AC, 48V AC, 60V AC, 110V AC, 230V AC, 110V 60Hz, 120V 60Hz, 240V 60Hz

PRODUCT / PRODUCT GROUP

- **HTV – Electronic Sound generators:** 12-24V AC/DC, 110V AC, 230V AC, HTV-S01 12-24 AC/DC
- **IBL – M22 Panel Mount Beacons 65mm:** all except 240V AC grey/clear, 12V AC/DC grey/blue, 24V AC/DC grey/blue, 120V AC grey/blue, 240V AC grey/blue, 240V AC black/clear, 12V AC/DC black/blue, 24V AC/DC black/blue, 120V AC black/blue, 240V AC black/blue
- **IBM – M22 Panel Mount Beacons:** all except 12V AC/DC grey/amber, 12V AC/DC grey/blue, 24V AC/DC grey/blue, 120V AC grey/blue, 240V AC grey/blue, 12V AC/DC grey/green
- **IBM – M22 Panel Mount Beacons 45mm:** 12V AC/DC black/amber, 12V AC/DC black/blue, 24V AC/DC black/blue, 120V AC black/blue, 240V AC black/blue, 12V AC/DC black/green
- **IBS – M22 Panel Mount Beacons 30mm:** all except 12V AC/DC grey/blue, 24V AC/DC grey/blue, 120V AC grey/blue, 240V AC grey/blue, 12V AC/DC grey/yellow, 12V AC/DC black/blue, 24V AC/DC black/blue, 120V AC black/blue, 240V AC black/blue, 12V AC/DC black/yellow
- **ISL – M22 Panel Mount Beacons 65mm:** all except 240V AC grey/amber, 240V AC grey/red, 240V AC grey/clear, 240V AC grey/blue, 240V AC grey/green, 240V AC grey/green, 240V AC black/amber, 240V AC black/red, 240V AC black/clear, 240V AC black/blue, 240V AC black/green, 240V AC black/yellow
- **ISM – M22 Panel Mount Beacons 45mm:** 240V AC grey/amber, 240V AC grey/red, 240V AC grey/clear, 240V AC grey/blue, 240V AC grey/green, 240V AC grey/yellow, 240V AC black/amber, 240V AC black/red, 240V AC black/clear, 240V AC black/blue, 240V AC black/green, 240V AC black/yellow
- **IDL – M22 Panel Mount Beacons 65mm:** all
- **IDM – M22 Panel Mount Beacons 45mm:** all
- **IDS – M22 Panel Mount Beacons 30mm:** all
- **ITL – M22 Panel Mount Beacons 65mm:** all
- **ITM – M22 M22 Panel Mount Beacons 45mm:** all
- **ITS – M22 Panel Mount Beacons 30mm:** all except 24V AC/DC amber/green
- **KLH/KDH – Mini Horns:** 6V DC, 12V DC, 12V AC, 24V DC, 24V AC, 42V AC, 48V AC, 48V 60Hz, 60V DC, 60V AC, 110V AC, 120V 60Hz, 220V 60Hz, 230V AC, 230V 60Hz
- **KLF/KDF – Mini Horn - Strobe Beacon:** 12V DC amber, 12V DC red, 12V DC clear, 12V DC blue, 12V DC green, 12V DC yellow, 24V DC red, 48V AC red, 110V AC red, 230V AC red, 230V 60Hz red
- **KLL/KDL – Mini Horn - LED Flashing Beacon:** 12V DC, 12V AC, 24V DC red and amber, 24V AC, 42V AC, 42-48V AC, 48V DC, 110V DC, 110V AC, 220V DC, 220V 60Hz, 230V AC red and amber
- **ILL - LED - Steady Beacons:** all
- **LAS - Laser :** all

PRODUCT / PRODUCT GROUP

- **LLL – LED bulbs:** all
- **MBL/MBM/MBS – 160mm/120mm/90mm Flashing Beacons:** all
- **MFL/MFM/MFS – 160mm/120mm/90mm Strobe Beacons:** 110V AC, 230V AC
- **MLL/MLM/MLS – 160mm/120mm/90mm Steady Beacons:** all
- **MRL – 160mm Rotating Mirror Beacons:** all
- **MRM/MRS – 120mm/90mm Rotating Mirror Beacons:** all
- **MBL/MFL/MLL/MRL – 160mm accessories:** all except halogen lamp 12V
- **MBM/MFM/MLM/MRM – 120mm accessories:** all
- **MBS/MFS/MLS/MRS – 90mm accessories:** all except bonding kit
- **SAP – LED-flashing light-buzzer module:** all
- **SBP – Flashing light-buzzer module:** all
- **SDA/SDC – LED-flashing/-steady light module:** all
- **SDR – LED-rotating light module:** all
- **SFP – Strobe light-buzzer module:** all
- **SLB - Flashing light module:** all
- **SLD – Steady light-buzzer module, light/tone separately switchable:** 24V, 110V, 230V
- **SLF/SLL – Strobe light module :** all
- **SLP – Steady light-buzzer module:** all
- **SRP - LED-rotating light-buzzer module:** all
- **STE - Electronic sounder module:** all
- **UWS / FWS – Bells:** 12V DC, 24V DC, 48V DC, 60V DC, 110V DC, 220V DC, 8V 50/60Hz, 12V 50/60Hz, 24V 50/60Hz, 42V 50/60Hz, 48V 50/60Hz, 60V 50/60Hz, 110V 50/60Hz, 230V 50/60Hz, 380V 50/60Hz, 230V 50/60Hz, 42-48V 50Hz
- **VLB/VLF/VLL – Flashing light-/Strobe light-/Steady light module:** all
- **VDE – Piezo buzzer module:** 12V, 24V, 110V, 230V
- **VDZ – Piezo buzzer module:** all
- **VMR - Pole mount base on aluminium tube with plastic foot:** 10cm, 25cm, 40cm, 60cm, 80cm
- **VMV - Base for vertical mounting:** all
- **VMW/VNW/VPW - Bases for horizontal mounting:** all
- **WLG – Steady Beacons 120mm:** 24V DC, 230V AC, -250V AC/DC
- **WLK – Steady Beacons/LED - Flashing/- Steady Beacons 60mm:** 12V DC, 24V DC, 110V AC, 230V AC, -250V AC/DC



Best regards
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