

Ex-Proof Strobe Beacon dHF

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dHF

dSF



II 2 G EEx de IIC T6
Zone 1 + 2



mounting bracket 4VA
stainless



terminal connection chamber „e“



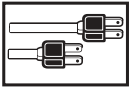
Features

- visual signal device with powerful xenon tube for use in explosion endangered areas of zones 1 and 2
- modular system – synthetic housing made of glassfibre reinforced polyester
- low weight – robust and corrosion proof design
- flameproof chamber „d“ – terminal connection chamber in protection class increased safety „e“
- for continuous operation
- models with 5 or 15 J strobe energy
- 4 lens colours
- insulation class II – no equipotential bonding required

Features

- visual signal device with powerful xenon tube for use in explosion endangered areas of zones 1 and 2
- typical applications in chemical/petrochemical industries, refineries, vessel/aircraft industries, ammunition depots, fork lifts etc.
- sturdy aluminium housing, coated or powder coated
- compact dimensions – also suitable for building in (only lens visible)
- flameproof chamber „d“ – terminal connection chamber in protection class increased safety „e“
- for continuous operation
- models with 5 J or 15 J strobe energy
- hardened glass lens (borosilicate glass), 15 J model with protecting cage made of stainless steel
- 5 lens colours

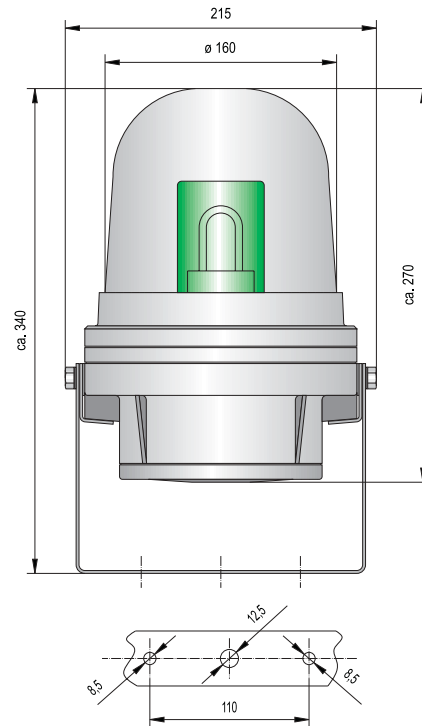




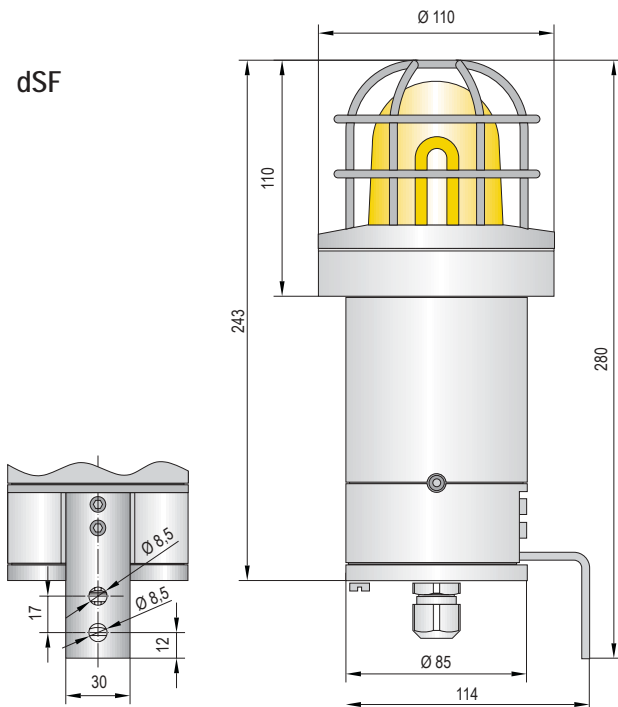
Technical data

Type	dHF
Housing, Colour	glassfibre reinforced polyester dark grey RAL 7024
Lens	polycarbonate (makrolon)
Lens colour	amber, red, blue, green (inner lens)
Terminal	1,5 mm ² fine wire 2,5 mm ² single wire
Cable entry	cable gland M20 x 1,5 and blind plug M20 x 1,5
Mounting	as required - swiveling mounting bracket
Strobe frequency/lifetime	~ 1 Hz, approx. 5 x 10 ⁶ flashes
Operation	continuous
Insulation class	II no equipotential bonding
Weight	5,9 kg
Approval	PTB 03 ATEX 1098

dHF



dSF



Type	dSF
Housing, Colour	aluminium, surface coated or powder coated (yellow/blue)
Lens	hardened borosilicate glass
Lens colour	amber, red, clear, blue, green
Terminal	1,5 mm ² fine wire 2,5 mm ² single wire
Cable entry	cable gland M20 x 1,5 and blind plug M20 x 1,5
Mounting	mounting bracket
Strobe frequency/lifetime	~ 1 Hz, approx. 5 x 10 ⁶ flashes
Operation	continuous
Insulation class	I – equipotential bonding: screw connection with wire protection clamp outside (cross section max. 4 mm ²)
Weight	2 kg
Approval	PTB 03 ATEX 1230



Order data

Colour code for lens

Colour code for lens		C
1	amber	5
2	red	6
4	clear (only dSF)	green

Type	Order No.	Description	Strobe energy (J)	Nominal voltage	Voltage range	Nominal current (A)
dHF1	340 00C 413	Ex-proof strobe beacon	15	230/240 V AC 50-60 Hz	207-253 V AC	0,20
	340 10C 410		5	110/120 V AC 50-60 Hz	103-127 V AC	0,135
	340 10C 413		5	230/240 V AC 50-60 Hz	207-253 V AC	0,13
dHF2	340 00C 005	Ex-proof strobe beacon	15	24 V DC	21-53 V DC	1,00
	340 00C 009			80 V DC	72-132 V DC	0,25
	340 10C 004			12 V DC	10-14 V DC	0,600
	5		340 10C 005	24 V DC	21-53 V DC	0,280
			340 10C 009	80 V DC	72-132 V DC	0,09
dSF1	335 00C 413	Ex-proof strobe beacon	15	230/240 V AC 50-60 Hz	207-253 V AC	0,20
	335 10C 410		5	110/120 V AC 50-60 Hz	103-127 V AC	0,135
	335 10C 413		5	230/240 V AC 50-60 Hz	207-253 V AC	0,13
dSF2	335 00C 005	Ex-proof strobe beacon	15	24 V DC	21-53 V DC	1,00
	335 00C 009			80 V DC	72-132 V DC	0,25
	335 10C 005			24 V DC	21-53 V DC	0,28
	5		335 10C 009	80 V DC	72-132 V DC	0,09

