

dSF Explosion-proof Xenon strobe beacon

- Xenon strobe beacon with 15 J or 5 J strobe energy
- Certified for gas and dust hazardous areas of zone 1, 2, 21, 22
- Flame-proof enclosure "d"
- Terminal connection chamber "increased safety e"

- Housing made of copper-free seawater-resistant aluminium
- Hardened glass lens
- 5 lens colours
- Degree of protection IP 66, protection class I
- All models with protection cage made of stainless steel

II 2 G Ex d e IIC T5, T6 Gb

II 2 D Ex tb IIIC T95 °C, T80 °C Db

-55 °C ≤ Ta ≤ +55 °C T5

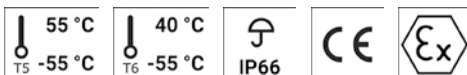
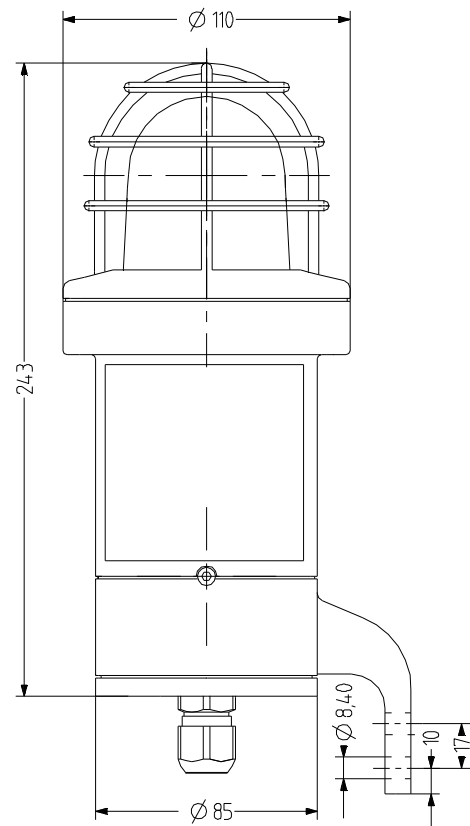
-55 °C ≤ Ta ≤ +40 °C T6

Zone 1, 2, 21, 22



TECHNICAL DATA

Housing	Ø 110 mm, Aluminium, surface painted or powder-coated yellow/blue
Lens	tempered borosilicate glass, orange, red, clear, blue or green
Type of mounting	Bracket for wall mounting, any
Cable entry	1x cable gland M20 x 1.5, 1x sealing plug M20 x 1.5
Connection technology	1.5 mm ² fine wire and 2.5 mm ² single wire
Beacon type	Xenon strobe beacon
Light source	Xenon tube
Luminous intensity	5 J strobe energy/15 J strobe energy
Duty cycle	100 %
Service life	Light source: 5 million flashes
Operating temperature	-55 °C / +55 °C (T5) -55 °C / +40 °C (T6)
Degree of protection	IP66
Approval	PTB 03 ATEX 1230
Insulation class	I
Weight	2 kg



dSF

ORDER DATA

Type	Output	Lens colour	Nominal voltage	Voltage range (V)	Nominal current (A)	Order number	
dSF1	15 J	orange	110-120 V AC	103-127	0,135	335 001 410	
			230-240 V AC	207-253	0,200	335 001 413	
		red	110-120 V AC	103-127	0,135	335 002 410	
			230-240 V AC	207-253	0,200	335 002 413	
		clear	110-120 V AC	103-127	0,135	335 004 410	
			230-240 V AC	207-253	0,200	335 004 413	
	blue	110-120 V AC	103-127	0,135	335 005 410		
		230-240 V AC	207-253	0,200	335 005 413		
	green	110-120 V AC	103-127	0,135	335 006 410		
		230-240 V AC	207-253	0,200	335 006 413		
	5 J	orange	110-120 V AC	103-127	0,135	335 101 410	
			230-240 V AC	207-253	0,130	335 101 413	
		red	110-120 V AC	103-127	0,135	335 102 410	
			230-240 V AC	207-253	0,130	335 102 413	
		clear	110-120 V AC	103-127	0,135	335 104 410	
			230-240 V AC	207-253	0,130	335 104 413	
		blue	110-120 V AC	103-127	0,135	335 105 410	
			230-240 V AC	207-253	0,130	335 105 413	
green		110-120 V AC	103-127	0,135	335 106 410		
		230-240 V AC	207-253	0,130	335 106 413		
dSF2		15 J	orange	24 V DC	21-53	1,000	335 001 005
				80 V DC	72-132	0,250	335 001 009
	red		24 V DC	21-53	1,000	335 002 005	
			80 V DC	72-132	0,250	335 002 009	
	clear		24 V DC	21-53	1,000	335 004 005	
			80 V DC	72-132	0,250	335 004 009	
	blue		24 V DC	21-53	1,000	335 005 005	
			80 V DC	72-132	0,250	335 005 009	
	green		24 V DC	21-53	1,000	335 006 005	
			80 V DC	72-132	0,250	335 006 009	
	5 J		orange	24 V DC	21-53	0,280	335 101 005
				80 V DC	72-132	0,090	335 101 009
		red	24 V DC	21-53	0,280	335 102 005	
			80 V DC	72-132	0,090	335 102 009	
		clear	24 V DC	21-53	0,280	335 104 005	
			80 V DC	72-132	0,090	335 104 009	
		blue	24 V DC	21-53	0,280	335 105 005	
			80 V DC	72-132	0,090	335 105 009	
		green	24 V DC	21-53	0,280	335 106 005	
			80 V DC	72-132	0,090	335 106 009	



MPL

ACCESSORIES

Type	Type of accessory	Order number
MPL	Mounting plate including explosion-proof junction box	335 500 000