

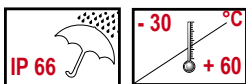
	Size 1	Size 2	Size 3	Size 4
	QDS	QDM	QDL	QDX
LED Steady/ Flashing Beacons				
	QFS	QFM		
Xenon Strobe Beacons				
			QBL	QBX
LED Strobe Beacons				

Features

- comprehensive range of cubic design beacons in LED and Xenon technique
- in modern LED strobe technique**
(long lifetime, low current consumption, vibration proof)
 - LED steady/flashing beacons in size 1-4
 - LED strobe beacons in size 3-4
 most modern LED technique with high signalling effect
3 strobe patterns (double, multi and irregular, externally switchable) or
- in conventional Xenon strobe technique**
(classic signalling with good signalling effect)
 - Xenon strobe beacons in size 1-2
- for applications in the industry, process control, fire/gas alarm, marine, etc
- by combining eg LED steady beacons (up to 4 sizes) traffic control signals (eg red-amber-green) but also individual colour combinations for industrial or general applications can be realized
- unique beacon/lens design
- versatile installation and mounting options
- fit for plc applications (leakage, inrush current)

Accessories / Installation Options:































- lateral cable entry** on both sides with **cable gland** (accessory type AKV)
- grommet from back side** (included as standard)
- metal bracket kit** (accessory type AB1-AB4, for mounting of alarm sounders or beacons in specific direction, on mounting platforms, devices, etc.)
- electrical connection via cage clamp**
- flat gaskets** for correct IP66 installation on smooth surfaces of the housing (accessory type AG1-AG4)
- mounting kit AMK** (for mounting/combination of 2 or more same size sounders or beacons)

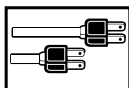


(in preparation)

Overview Multi Tone Alarm Sounders „A“ / Beacons „Q“



Size	Multi Tone Alarm Sounders „A“	Multi Tone Alarm Sounders „A“ - Beacon „Q“	Multi Tone Alarm Sounder „A“ with Light Indicator	Beacons „Q“ with Buzzer Indicator	Beacons „Q“
1	ASS-P max. 103 dB 	ASS-P + QDS LED Steady/Flashing ASS-P + QFS ~5 J Xenon Strobe  ASS-T + QDS LED Steady/Flashing ASS-T + QFS ~5 J Xenon Strobe 	ADS-P LED Steady/Flashing 	QSS LED Steady/Flashing 	QDS LED Steady/Flashing 
	ASS-T max. 108 dB	ADM LED Steady/Flashing 	QSM LED Steady/Flashing 	QDM LED Steady/Flashing 	
2	ASM max. 113 dB 	ASM + QDM LED Steady/Flashing  ASM + QFM ~10 J Xenon Strobe 	ACM LED Strobe 	QTM ~10 J Xenon Strobe 	QFM ~10 J Xenon Strobe 
	ASL max. 120 dB 	ASL + QDL LED Steady/Flashing  ASL + QBL LED Strobe 	ADL LED Steady/Flashing 	QSL LED Steady/Flashing 	QDL LED Steady/Flashing 
3	ASX max. 127 dB 	ASX + QDX LED Steady/Flashing  ASX + QBX LED Strobe 	ADX LED Steady/Flashing 	QSX LED Steady/Flashing 	QDX LED Steady/Flashing 
		ACX LED Strobe 	QCX LED Strobe 	QBX LED Strobe 	



Technical data

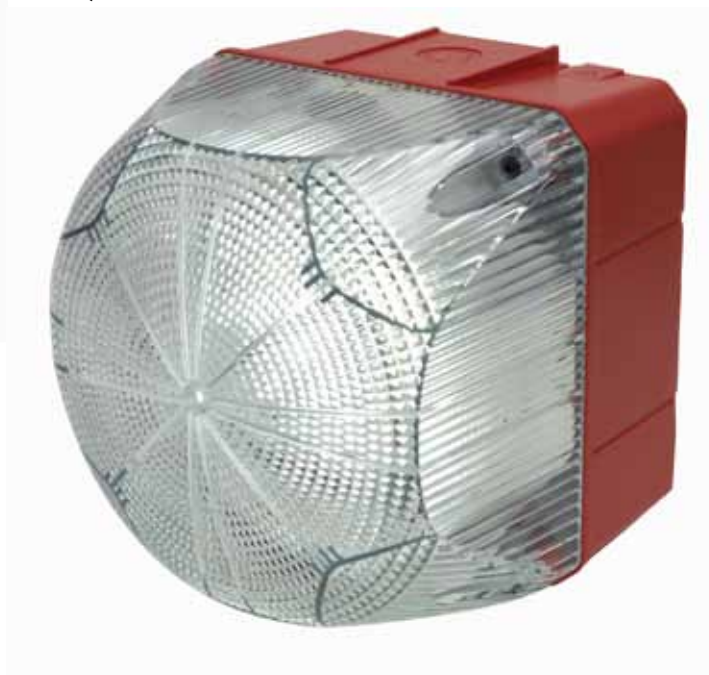
Type	QDS Size 1	QDM Size 2	QDL Size 3	QDX Size 4	QFS Size 1	QFM Size 2	QBL Size 3	QBX Size 4
Housing	polycarbonate							
Housing colour	red RAL 3000							
Lens colour	amber, red, clear, blue, green, yellow							
Cable entry	grommet from back, 5-10 mm							
Cable conduit	cable gland M20x1,5 from side, 5-12 mm (accessory)							
Mounting	arbitraty							
Duty cycle factor	100%							
Terminals	up to 2,5 mm ² single wire							
Temperature range	-30 °C to +60 °C							
Light source	LED steady or flashing				Xenon strobe		LED strobe	
Life time (light source)	~ 50.000 h				~ 5 mio flashes	~ 15 mio flashes	~ 50.000 h	
Flashing/Strobe frequency	~ 1 Hz				~ 1 Hz		double strobe 1,7 Hz / 6 times 1,0 Hz / irregular multi-strobe	
Light intensity*	10 Cd	120 Cd	170 Cd	300 Cd			250 Cd	400 Cd
Strobe energy	---				~ 5 J	~ 10 J	---	
Relative humidity	90% at 20 °C				90% at 20 °C			
Weight	0,2 kg	0,5 kg	1,7 kg	2,7 kg	0,3 kg	0,55 kg	1,7 kg	2,7 kg

* valid for clear lenses

QDM

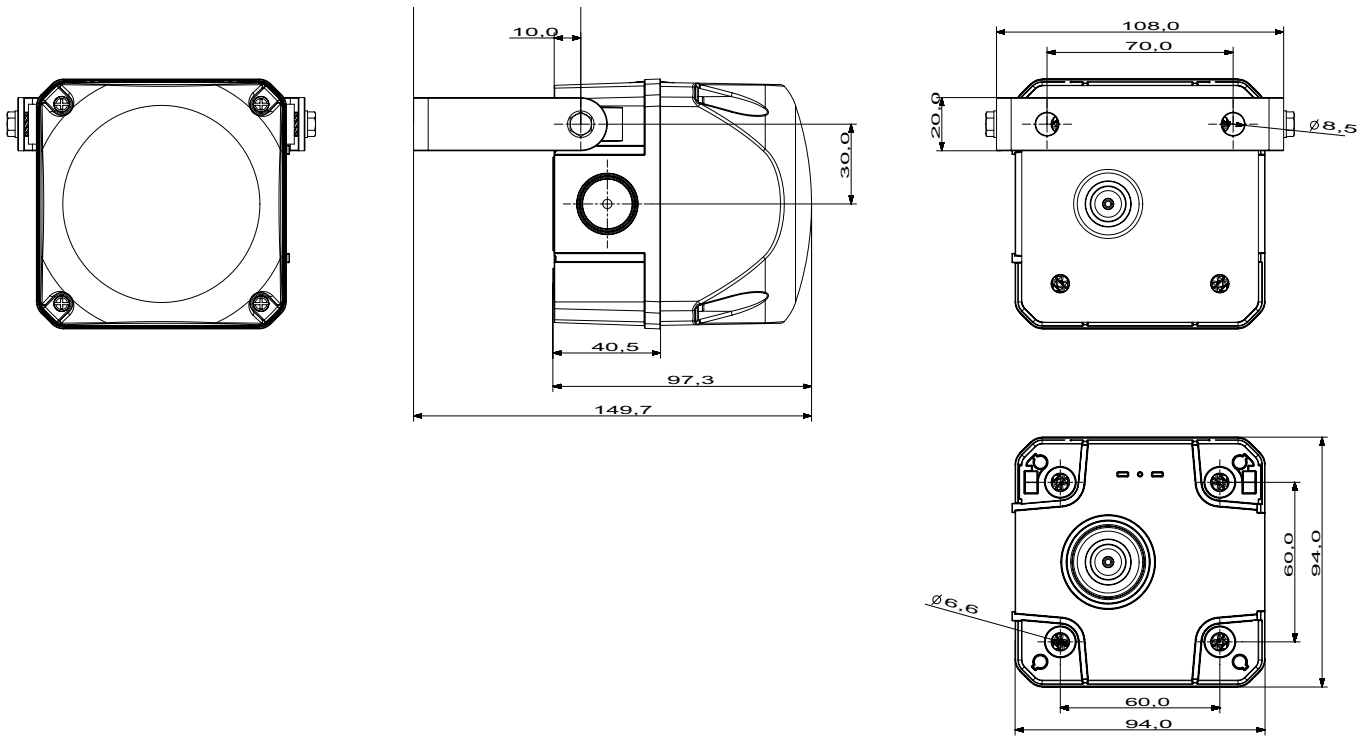


QDX

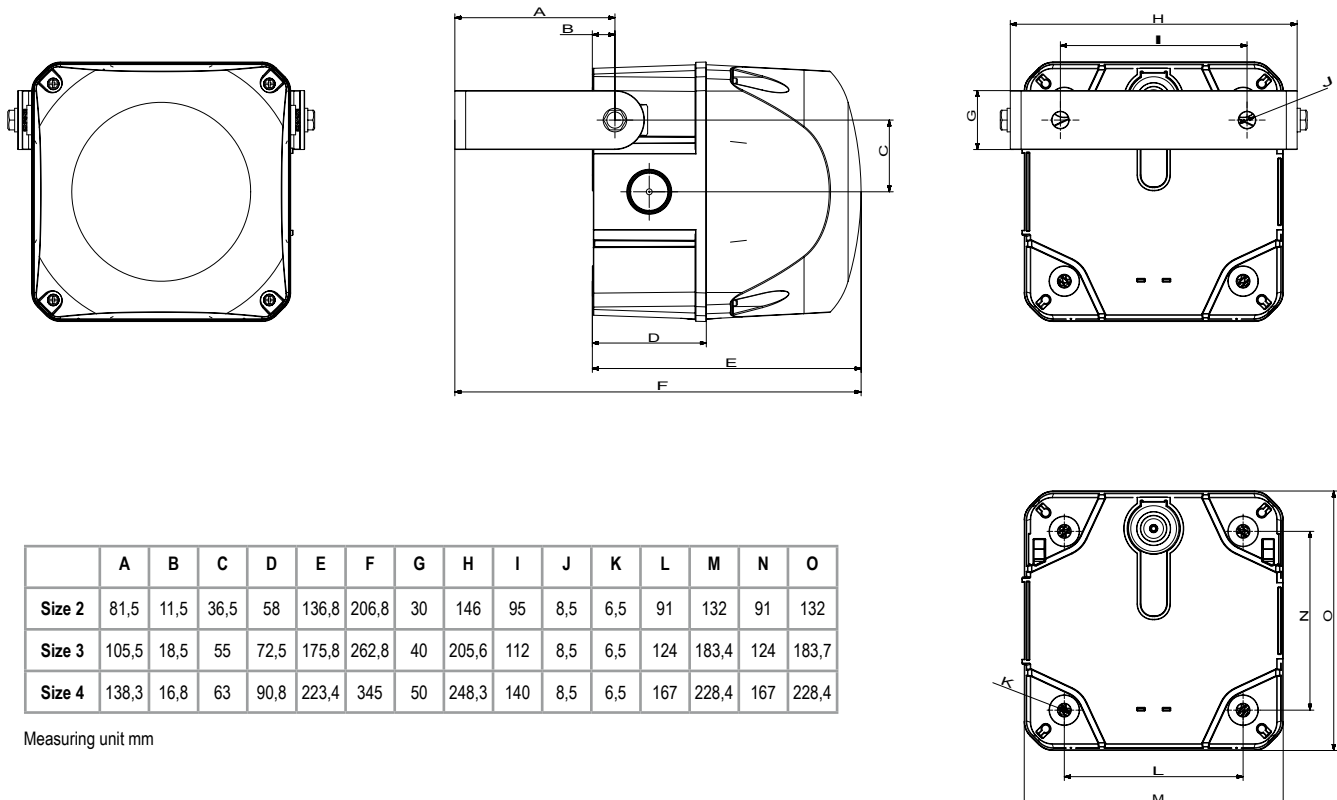




QDS/QFS (Size 1)



QDM/QFM (Size 2), QDL/QCL (Size 3), QDX/QCX (Size 4)





Order data

Type	Denomination	Light source	Nominal voltage (V)	Voltage range (V)	Nominal current (A)	Order No. Housing red
QDS	LED steady/flashing beacon size 1	LED 10 Cd	24 V AC/DC	+/- 10%	0,110	874 16C 405
			48 V AC/DC		0,065	874 16C 408
			110/120 V AC		0,06	874 16C 310
			230/240 V AC		0,06	874 16C 313
QDM	LED steady/flashing beacon size 2	LED 120 Cd	24-48 V AC/DC	16-60 V DC	max. 0,3	874 26C 408
			110-240V AC/DC	16-53 V AC		
QDL	LED steady/flashing beacon size 3	LED 170 Cd	24-48 V AC/DC	18-60 V DC	max. 0,78	874 36C 408
			110-240 V AC/DC	18-53 V AC		
QDX	LED steady/flashing beacon size 4	LED 300 Cd	24-48 V AC/DC	18-60 V DC	max. 1,8	874 46C 408
			110-240 V AC/DC	18-53 V AC		
QFS	Xenon strobe beacon size 1	Xenon tube 5 J	24-48 V AC/DC	18-53 V AC/DC	0,45	874 56C 408
			110/120 V AC	+/- 10%	0,15	874 56C 310
			230/240 V AC		0,075	874 56C 313
QFM	Xenon strobe beacon size 2	Xenon tube 10 J	24-48 V AC/DC	18-53 V AC/DC	0,9	874 66C 408
			110/120 V AC	+/- 10%	0,26	874 66C 310
			230/240 V AC		0,16	874 66C 313
QBL	LED strobe beacon size 3	LED 250 Cd	24-48 V AC/DC	18-60 V DC	max. 0,81	874 76C 408
			110-240 V AC/DC	18-53 V AC		
QBX	LED strobe beacon size 4	LED 400 Cd	24-48 V AC/DC	18-60 V DC	max. 1,7	874 86C 408
			110-240 V AC/DC	18-53 V AC		
						80-265 V AC/DC

QFS	Xenon strobe beacon size 1	Xenon tube 5 J	24-48 V AC/DC	18-53 V AC/DC	0,45	874 56C 408
			110/120 V AC	+/- 10%	0,15	874 56C 310
			230/240 V AC		0,075	874 56C 313
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			110/120 V AC	+/- 10%	0,26	874 66C 310
			230/240 V AC		0,16	874 66C 313
QBL	LED strobe beacon size 3	LED 250 Cd	24-48 V AC/DC	18-60 V DC	max. 0,81	874 76C 408
			110-240 V AC/DC	18-53 V AC		
QBX	LED strobe beacon size 4	LED 400 Cd	24-48 V AC/DC	18-60 V DC	max. 1,7	874 86C 408
			110-240 V AC/DC	18-53 V AC		
						80-265 V AC/DC

Accessories

Type	Denomination	Order No.
AMK	Mounting kit for combinations of multi tone alarm sounders „A“ and/or beacons „Q“	874 010 900
AG1	Flat gasket for size 1 multi tone alarm sounders „A“ and/or beacons „Q“	874 021 900
AG2	Flat gasket for size 2 multi tone alarm sounders „A“ and/or beacons „Q“	874 022 900
AG3	Flat gasket for size 3 multi tone alarm sounders „A“ and/or beacons „Q“	874 023 900
AG4	Flat gasket for size 4 multi tone alarm sounders „A“ and/or beacons „Q“	874 024 900
AB1	Metal bracket kit for size 1 multi tone alarm sounders „A“ and/or beacons „Q“	874 031 900
AB2	Metal bracket kit for size 2 multi tone alarm sounders „A“ and/or beacons „Q“	874 032 900
AB3	Metal bracket kit for size 3 multi tone alarm sounders „A“ and/or beacons „Q“	874 033 900
AB4	Metal bracket kit for size 4 multi tone alarm sounders „A“ and/or beacons „Q“	874 034 900
AKV	Cable gland M20x1,5 for multi tone alarm sounders „A“ and/or beacons „Q“	698 800 026

Colour code for Lens

1	amber	5	blue
2	red	6	green
4	clear	7	yellow

**How to order Beacons „Q“
as traffic control signalling solution**

Typical configuration:

QDM LED steady/flashing beacon

Size 2, 230/240 V AC as a traffic control signal red-amber-green:

Type	Order no.	Product
QDM	874 262 313	LED steady/flashing beacon - size 2, red
QDM	874 261 313	LED steady/flashing beacon - size 2, amber
QDM	874 266 313	LED steady/flashing beacon - size 2, green
AMK	874 010 900	2 pcs. mounting kit for combination of multi tone alarm sounders "A" and/or beacons "Q"

