

Audible and Visual Signalling Device

SERIES YL60 - Ex d, XENON / LED, ALU

STAHL



- Lamp: Flashing beacon – XENON (5 J) / LED (6.5 W)
- Horn: Omnidirectional / max. 110 dB(A)
- Type of protection: Ex d
- Class: IP66 (IEC 60529 / NEMA 4X)
- Robust aluminium enclosure (powder-coated)
- Stainless steel protection cage and mounting bracket included
- 8 light-intensifying Fresnel lens colours available to order
- 32 standardised preconfigured signal sounds (PFEER/UKOOA compatible)
- 2 individual signal sounds can be chosen
- Telephone system connection/line monitoring optionally available to order

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WebCode YL60A



Product series YL60 is designed to provide both an audible and visual alarm which can be used to alert, warn or draw attention to machine malfunction/start up or any number of safety related issues in hazardous areas. The audible and visual signals can be operated independently or as a combination unit.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

Lamp		LED			
Rated operational voltage DC		21.1 – 24 V			
Rated operational current		1500 mA			
Certificates	Lens colour	Effective luminous intensity	Product Type	Art. No.	Weight kg
ATEX (BVIS), IECEX (BVIS)	Amber	–	YL60/21-DV0000-AW0002-ST0000-0000	284518	6.000
	Yellow	–	YL60/21-DV0000-YW0002-ST0000-0000	284519	6.000
	Red	–	YL60/21-DV0000-RR0002-ST0000-0000	284517	6.000
Lamp		Xenon flash tubes			
Rated operational voltage AC		115 V			
Rated operational current		200 mA			
Certificates	Lens colour	Effective luminous intensity	Product Type	Art. No.	Weight kg
ATEX (BAS), EAC (ENDCE), IECEX (BAS), Russian Federation (TPB SER)	Amber	28 cd	YL60/C/L50/A/RU	212390	6.000
	Red	14 cd	YL60/C/L50/R/RU	205272	6.000
ATEX (BAS), IECEX (BAS), SIL (exida)	Amber	28 cd	YL60/C/L50/A/EU	205267	6.000
	Blue	13 cd	YL60/C/L50/B/EU	205268	6.000
	Yellow	42 cd	YL60/C/L50/Y/EU	205464	6.000
	Green	10 cd	YL60/C/L50/G/EU	205269	6.000
	Opal	35 cd	YL60/C/L50/O/EU	205270	6.000
	Red	14 cd	YL60/C/L50/R/EU	205271	6.000

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Selection Table


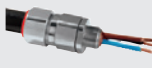







Lamp		Xenon flash tubes			
Rated operational voltage AC		230 V			
Rated operational current		100 mA			
Certificates	Lens colour	Effective luminous intensity	Product Type	Art. No.	Weight kg
ATEX (BAS), EAC (ENDCE), IECEx (BAS), Russian Federation (TPB SER)	Amber	28 cd	YL60/C/N50/A/RU	212391	6.000
	Red	14 cd	YL60/C/N50/R/RU	212392	6.000
ATEX (BAS), IECEx (BAS), SIL (exida)	Amber	28 cd	YL60/C/N50/A/EU	205273 ▲	6.000
	Blue	13 cd	YL60/C/N50/B/EU	205277	6.000
	Yellow	42 cd	YL60/C/N50/Y/EU	205285 ▲	6.000
	Clear	46 cd	YL60/C/N50/C/EU	205279	6.000
	Opal	35 cd	YL60/C/N50/O/EU	205281	6.000
	Red	14 cd	YL60/C/N50/R/EU	205282 ▲	6.000

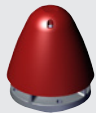
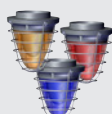

Lamp		Xenon flash tubes			
Rated operational voltage DC		21.1 – 24 V			
Rated operational current		650 mA			
Certificates	Lens colour	Effective luminous intensity	Product Type	Art. No.	Weight kg
ATEX (BVIS), IECEx (BVIS)	Amber	–	YL60/21-D05000-AW0002-ST0000-0000	284510	6.000
	Yellow	–	YL60/21-D05000-YW0002-ST0000-0000	284512	6.000
	Red	–	YL60/21-D05000-RW0002-ST0000-0000	284511	6.000

Lamp		Xenon flash tubes			
Rated operational voltage DC		24 V			
Rated operational current		570 mA			
Certificates	Lens colour	Effective luminous intensity	Product Type	Art. No.	Weight kg
ATEX (BAS), EAC (ENDCE), IECEx (BAS), Russian Federation (TPB SER)	Amber	28 cd	YL60/C/D50/A/RU	212389	6.000
	Blue	13 cd	YL60/C/D50/B/RU	262033	6.000
	Red	14 cd	YL60/C/D50/R/RU	205265	6.000
	Yellow	42 cd	YL60/C/D50/Y/RU	264943	6.000
ATEX (BAS), IECEx (BAS), Korea (KTL), SIL (exida)	Red	14 cd	YL60/C/D50/R/EU	205257 ▲	6.000
ATEX (BAS), IECEx (BAS), SIL (exida)	Amber	28 cd	YL60/C/D50/A/EU	205250 ▲	6.000
	Blue	13 cd	YL60/C/D50/B/EU	205252	6.000
	Clear	46 cd	YL60/C/D50/C/EU	205254	6.000
	Green	10 cd	YL60/C/D50/G/EU	205256	6.000
	Yellow	42 cd	YL60/C/D50/Y/EU	206950 ▲	6.000

Technical Data

Variant	YL60/21-DV0000 LED	YL60/21-D05000 Xenon flash tubes	YL60 - EU Xenon flash tubes	YL60/.../RU
Explosion Protection				
IECEx gas explosion protection	Ex db IIC T6 ... T4 Gb	Ex db IIC T6 ... T4 Gb	Ex d IIB+H2 T6 ... T4 Gb	
IECEx dust explosion protection	Ex tb IIIC T80 °C / T100 °C Db	Ex tb IIIC T80 °C / T100 °C Db	Ex tb IIIC T85 °C / T135 °C Db	
ATEX gas explosion protection	Ⓜ II 2 G Ex db IIC T6 ... T4 Gb	Ⓜ II 2 G Ex db IIC T6 ... T4 Gb	Ⓜ II 2 G Ex d IIB+H2 T6 ... T4 Gb	
ATEX dust explosion protection	Ⓜ II 2 D Ex tb IIIC T80 °C / T100 °C Db	Ⓜ II 2 D Ex tb IIIC T80 °C / T100 °C Db	Ⓜ II 2 D Ex tb IIIC T85 °C / T135 °C Db	
EAC gas explosion protection				Ⓜ 1 Ex d IIB+H2 T4 Gb X Ⓜ 1 Ex d IIB+H2 T6 Gb X

Accessories			
Figure	Description	Art. No.	Weight kg
Cable glands made of metal			
	Ex d & Ex e cable gland for all types of unarmoured and braid armour cables (nickel plated brass) Type 20A2F, M20 x 1.5	243464 ▲	0.070
	Ex d & Ex e cable entry with compound for all types of armoured cables (SWA, braided, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428 ▲	0.240
	Ex d & Ex e Cable entry with compound gland for all types of unarmoured and braid armour cables (nickel plated brass) Type 20PXSS2K, M20 x 1.5	109441 ▲	0.200
	Ex d & Ex e cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass) with unique compensating displacement seal system (CDS) Type 20T3CDS, M20 x 1.5	246561 ▲	0.280
	Ex d & Ex e Cable entry with RapidEx sealing system for all types of unarmoured and braid armour cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649 ■	0.240
	Ex d & Ex e Cable entry with RapidEx sealing system for all types of unarmoured and braid armour cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605 ■	0.200
Cable glands			
	Ex e adapter for ATEX - 20 °C to +50/60 °C	264252	0.270
Mounting accessories			
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794 ■	0.400
	L-bracket, long, stainless steel (available for FL6S, FX15, YA60, YL6S, YA6S, YL60)	247371	0.280

Spare Parts			
Figure	Description	Art. No.	Weight kg
Assembly kit moulding horn			
	Moulding horn YA60 / YL60 / YA6S / YL6S ATEX replacement	213457	0.105
Flange			
	Flange, ATEX, amber (available for FL60, YL60)	209407	1.080
	Flange, ATEX, blue (available for FL60, YL60)	209408	1.080
	Flange, ATEX, red (available for FL60, YL60)	209412	1.080
	Flange, ATEX, yellow (available for FL60, YL60)	209413	1.080
Moulding-lens			
	clear	209402	0.070
	red	209405	0.070
	yellow	209406	0.070

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

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