

ASLCS Series Stainless Steel Control Station

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Application

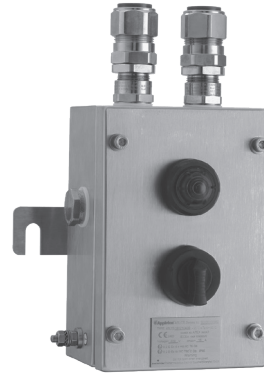
- Local control stations and motor control stations for use in hazardous area.
- Control of equipment for use in Zone 1 or Zone 2 areas, where flammable gases or vapors are present either continuously or intermittently such as:
 - Petroleum
 - Chemical
 - Other industrial process facilities.
- Designed for use in Zone 21 or Zone 22 areas, where flammable dusts are present either continuously or intermittently, such as:
 - Food processing
 - Dairy
 - Brewing
 - Pharmaceutical industry
 - Silos and other facilities.
- Ideal for wet or corrosive atmospheres.
- Push buttons and selector switches are used in conjunction with contactors or magnetic starters for remote control of motors in hazardous locations. They provide circuit control and/or selection.
- Pilot lights provide visual assurance that an electrical function is being performed at a remote or hazardous location.

Features

- With the rating of IP66, it's applicable to the indoor and outdoor environment, such as sea and moist environment.
- Weld joint is smooth and continuous.
- Several sizes and specifications are available.
- Cam Locker is made of stainless steel with excellent corrosion resistance, IP66.
- The Cable Gland Plate is made of 3mm thickness and supplied with self-adhesive gasket.
- The sealing strip is made of PUR materials without breakpoints, having superior IP rating (IP66), superb recovery and sealing performance. Silicon foaming gasket is optional.
- Employs Ex (factory sealed) operators including push buttons, illuminated push buttons, Ammeter, selector switches, control and load break switches, contact blocks, pilot lights(LED), and terminal blocks that can be used at 12VAC to 254VAC 50/60 Hz, or 12VDC to 60VDC or 110VDC/120VDC.
- Pilot light employs high intensity single LED with lifetime of 100,000 hours.
- Operators and contact blocks are spaced so as to have easy and ample space for wiring.
- Wide selection of cable glands, union adapter entries at 4 sides.

Standard Materials

- Enclosures: 304/316L stainless steel and steel sheet, satin-finished after machining to ensure the smooth surface.
- Cable gland plate: 3 mm (0.12 in) thick, 304/316L stainless steel, with self-adhesive gasket
- Mounting plate: supplied in zinc plated steel as standard; stainless steel can be requested as special
- Cam locker: stainless steel



Accessories

- Mounting plate
- Rail mounting
- Cam lock and key
- Inside pocket
- Refer to technical data to define permitted number of electrical components and cable entries acceptance.

ATEX/IECEx Certifications and Compliances

- Gas: Zone 1 and 2
 - Conforming to directive 2014/34/EU: Ex II 2G
 - Type of protection: Ex eb * IIC T** Ta -35 °C to +40 °C/55 °C
 - Temperature class: T6 to T5
 - Dust: Zone 21 and Zone 22
 - Conforming to directive 2014/34/EU: Ex II 2D
 - Type of protection: Ex tb IIIC T80 °C/95 °C Db IP66
 - Temperature class: T80°C to T95°C
 - Ambient temperature: -35°C ~+40°C/+55°C
 - ATEX certificate: **C E** 2585 ExVeritas 17 ATEX 0297X
 - IECEx certificate: IECEx EXV 17.0027X
 - Ingress protection: According to EN/ICC 60529: IP66
 - Impact Resistance (shock): IK10.

* The coding is dependent on the individual coding of the components installed.

** Temperature classification T5 or T6 depending upon power dissipation indicated in the certificate.

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Catalog Numbering Guide — ASLCS Series Increased Safety Control Station

Note : The hinge and Cam Lock type is provided for the box with specification of 220 mm (8.66 in) (H) x 180 mm (7.09 in) (W) or above for options.
The Cable Gland Plate is provided for the box with specification of 220 mm (8.66 in) (H) x 260 mm (10.24 in) (W) or above for options.

ASLCS	26	22	15	4	0	B
Series: ASLCS - ASLCS Control Station	Width Dimensions in mm (in)			Material	Cover type	
	12 - 120 (4.72)	56 - 560 (22.05)		4 - SS 304	B - Only Bolt	
	18 - 180 (7.09)	75 - 750 (29.53)		6 - SS 316L	H - Hinges + Bolt	
	22 - 220 (8.66)	80 - 800 (3.15)			L - Cam Lock + Hinge	
	26 - 260 (10.24)	97 - 970 (38.19)				
	37 - 370 (14.57)					
	Height Dimensions in mm (in)		Depth Dimensions in mm (in)		Cable Gland Plate	
	12 - 120 (4.72)	56 - 560 (22.05)	95 - 95 (3.74)	30 - 300 (11.81)	0 - None	
	18 - 180 (7.09)	75 - 750 (29.53)	15 - 150 (5.91)	35 - 350 (13.78)	1 - 1 x Bottom/Top	
	22 - 220 (8.66)	10 - 1000 (39.37)	20 - 200 (7.87)	40 - 400 (15.75)	2 - 1 x Bottom + 1 x Top; or 1 x Left + 1 x Right	
	26 - 260 (10.24)	12 - 1200 (47.24)	25 - 250 (9.84)		3 - 1 x Left + 1 x Right + 1 x Bottom/Top	
	37 - 370 (14.57)				4 - All 4 sides	
					5 - Others	

Maximum Configuration

Note: The information is only for reference. For Power LCS application, please consult sales office.
Hole for Push Button, Push-Pull Emergency Stop, Mushroom Head Push Button, Key Push Button, Pilot Light, Selector Switch

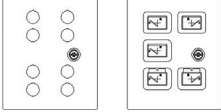
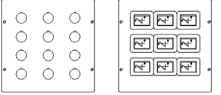
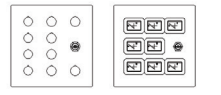
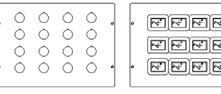

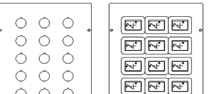


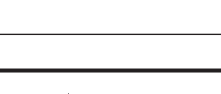
Max configuration	Maximum Qty of Holes		Box Dimensions in mm (in) (H x W x D)	Catalog Number
	Push Button	Ammeter		
	1	–	120x120x95 (4.72x4.72x3.74)	ASLCS121295xxB
	1	–	120x120x150 (4.72x4.72x5.91)	ASLCS121215xxB
	3	–	180x120x95 (7.09x4.72x3.74)	ASLCS181295xxB
	3	–	180x120x150 (7.09x4.72x5.91)	ASLCS181215xxB
	6	–	180x180x95 (7.09x7.09x3.74)	ASLCS181895xxB
	2	1		
	6	–	180x180x150 (7.09x7.09x5.91)	ASLCS181815xxB
	2	1		
	5	–	220x180x95 (8.66x7.09x3.74)	ASLCS221895xxB
	3	1		
	5	–	220x180x150 (8.66x7.09x5.91)	ASLCS221815xxB
	3	1		
	6	–	220x220x150 (8.66x8.66x5.91)	ASLCS222215xxB
	–	4		
	6	–	220x220x200 (8.66x8.66x8.66)	ASLCS222220xxB
	–	4		
	8	–	260x220x150 (10.24x8.66x5.91)	ASLCS262215xxB
	–	6		
	8	–	260x220x200 (10.24x8.66x7.87)	ASLCS262220xxB
	–	6		
	8	–	260x220x300 (10.24x8.66x11.81)	ASLCS262230xxB
	–	6		

Control Stations and Panels

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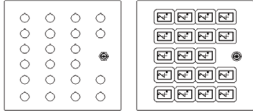
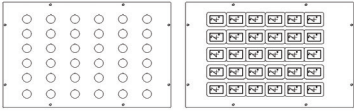
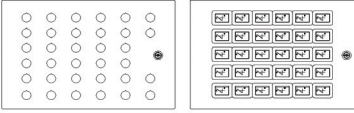
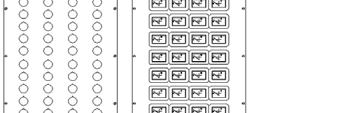
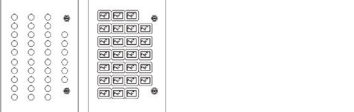
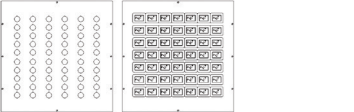
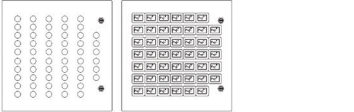
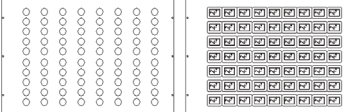

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Max configuration	Maximum Qty of Holes		Box Dimensions in mm (in) (H x W x D)	Catalog Number
	Push Button	Ammeter		
	8	–	260x220x150 (10.24x8.66x5.91)	ASLCS262215xxL
	–	5		
	8	–	260x220x200 (10.24x8.66x7.87)	ASLCS262220xxL
	–	5		
	8	–	260x220x300 (10.24x8.66x11.81)	ASLCS262230xxL
	–	5		
	12	–	260x260x150 (10.24x10.24x5.91)	ASLCS262615xxB
	–	9		ASLCS262615xxH
	12	–	260x260x200 (10.24x10.24x7.87)	ASLCS262620xxB
	–	9		ASLCS262620xxH
	12	–	260x260x300 (10.24x10.24x11.81)	ASLCS262630xxB
	–	9		ASLCS262630xxH
	10	–	260x260x150 (10.24x10.24x5.91)	ASLCS262615xxL
	–	8		
	10	–	260x260x200 (10.24x10.24x7.87)	ASLCS262620xxL
	–	8		
	10	–	260x260x300 (10.24x10.24x11.81)	ASLCS262630xxL
	–	8		
	16	–	260x370x150 (10.24x14.57x5.91)	ASLCS263715xxB
	–	12		ASLCS263715xxH
	16	–	260x370x200 (10.24x14.57x7.87)	ASLCS263720xxB
	–	12		ALCS263720xxH
	16	–	260x370x300 (10.24x14.57x11.81)	ASLCS263730xxB
	–	12		ASLCS263730xxH
	10	–	370x220x150 (14.57x8.66x5.91)	ASLCS372215xxL
	–	9		
	10	–	370x220x200 (14.57x8.66x7.87)	ASLCS372220xxL
	–	9		
	10	–	370x220x300 (14.57x8.66x11.81)	ASLCS372230xxL
	–	9		
	18	–	370x260x150 (14.57x10.24x5.91)	ASLCS372615xxB
	–	15		ASLCS372615xxH
	18	–	370x260x200 (14.57x10.24x7.87)	ASLCS372620xxB
	–	15		ASLCS372620xxH
	18	–	370x260x300 (14.57x10.24x11.81)	ASLCS372630xxB
	–	15		ASLCS372630xxH
	16	–	370x260x150 (14.57x10.24x5.91)	ASLCS372615xxL
	–	14		
	16	–	370x260x200 (14.57x10.24x7.87)	ASLCS372620xxL
	–	14		
	16	–	370x260x300 (14.57x10.24x11.81)	ASLCS372630xxL
	–	14		
	24	–	370x370x150 (14.57x14.57x5.91)	ASLCS373715xxB
	–	20		ASLCS373715xxH
	24	–	370x370x200 (14.57x14.57x7.87)	ASLCS373720xxB
	–	20		ASLCS373720xxH
	24	–	370x370x300 (14.57x14.57x11.81)	ASLCS373730xxB
	–	20		ASLCS373730xxH

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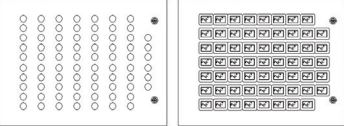
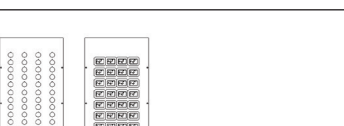


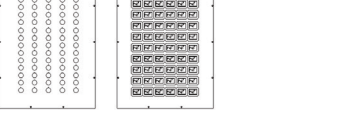
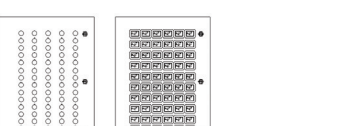




Max configuration	Maximum Qty of Holes		Box Dimensions in mm (in) (H x W x D)	Catalog Number
	Push Button	Ammeter		
	22	–	370x370x150 (14.57x14.57x5.91)	ASLCS373715xxL
	–	19		
	22	–	370x370x200 (14.57x14.57x7.87)	ASLCS373720xxL
	–	19		
	22	–	370x370x300 (14.57x14.57x11.81)	ASLCS373730xxL
	–	19		
	36	–	370x560x150 (14.57x22.05x5.91)	ASLCS375615xxB
	–	30		ASLCS375615xxH
	36	–	370x560x200 (14.57x22.05x7.87)	ASLCS375620xxB
	–	30		ASLCS375620xxH
	36	–	370x560x300 (14.57x22.05x11.81)	ASLCS375630xxB
	–	30		ASLCS375630xxH
	34	–	370x560x150 (14.57x22.05x5.91)	ASLCS375615xxL
	–	30		
	34	–	370x560x200 (14.57x22.05x7.87)	ASLCS375620xxL
	–	30		
	34	–	370x560x300 (14.57x22.05x11.81)	ASLCS375630xxL
	–	30		
	40	–	560x370x150 (22.05x14.57x5.91)	ASLCS563715xxB
	–	28		ASLCS563715xxH
	40	–	560x370x200 (22.05x14.57x7.87)	ASLCS563720xxB
	–	28		ASLCS563720xxH
	40	–	560x370x300 (22.05x14.57x11.81)	ASLCS563730xxB
	–	28		ASLCS563730xxH
	36	–	560x370x150 (22.05x14.57x5.91)	ASLCS563715xxL
	0	26		
	36	–	560x370x200 (22.05x14.57x7.87)	ASLCS563720xxL
	–	26		
	36	–	560x370x300 (22.05x14.57x11.81)	ASLCS563730xxL
	–	26		
	60	–	560x560x150 (22.05x22.05x5.91)	ASLCS565615xxB
	–	49		ASLCS565615xxH
	60	–	560x560x200 (22.05x22.05x7.87)	ASLCS565620xxB
	–	49		ASLCS565620xxH
	60	–	560x560x300 (22.05x22.05x11.81)	ASLCS565630xxB
	–	49		ASLCS565630xxH
	56	–	560x560x150 (22.05x22.05x5.91)	ASLCS565615xxL
	–	47		
	56	–	560x560x200 (22.05x22.05x7.87)	ASLCS565620xxL
	–	47		
	56	–	560x560x300 (22.05x22.05x11.81)	ASLCS565630xxL
	–	47		
	80	–	560x750x150 (22.05x29.53x5.91)	ASLCS567515xxB
	–	63		ASLCS567515xxH
	80	–	560x750x200 (22.05x29.53x7.87)	ASLCS567520xxB
	–	63		ASLCS567520xxH
	80	–	560x750x300 (22.05x29.53x11.81)	ASLCS567530xxB
	–	63		ASLCS567530xxH

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	Push Button	Ammeter		
	76	–	560x750x150 (22.05x29.53x5.91)	ASLCS567515xxL
	–	61		
	76	–	560x750x200 (22.05x29.53x7.87)	ASLCS567520xxL
	–	61		
	76	–	560x750x300 (22.05x29.53x11.81)	ASLCS567530xxL
	–	61		
	56	–	750x370x150 (29.53x14.57x5.91)	ASLCS753715xxB
	–	36		ASLCS753715xxH
	56	–	750x370x200 (29.53x14.57x7.87)	ASLCS753720xxB
	–	36		ASLCS753720xxH
	56	–	750x370x300 (29.53x14.57x11.81)	ASLCS753730xxB
	–	36		ASLCS753730xxH
	50	–	750x370x150 (29.53x14.57x5.91)	ASLCS753715xxL
	–	33		
	50	–	750x370x200 (29.53x14.57x7.87)	ASLCS753720xxL
	–	33		
	50	–	750x370x300 (29.53x14.57x11.81)	ASLCS753730xxL
	–	33		
	70	–	750x560x150 (29.53x22.05x5.91)	ASLCS755615xxB
	–	60		ASLCS755615xxH
	70	–	750x560x200 (29.53x22.05x7.87)	ASLCS755620xxB
	–	60		ASLCS755620xxH
	70	–	750x560x300 (29.53x22.05x11.81)	ASLCS755630xxB
	–	60		ASLCS755630xxH
	70	–	750x560x150 (29.53x22.05x5.91)	ASLCS755615xxL
	–	60		
	70	–	750x560x200 (29.53x22.05x7.87)	ASLCS755620xxL
	–	60		
	70	–	750x560x300 (29.53x22.05x11.81)	ASLCS755630xxL
	–	60		

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