

S-3GD SERIES LIMIT SWITCH BOX

According to ATEX directive 94/9/EC SOLDO manufactures a complete range of limit switch box suitable for use in potentially explosive atmosphere. SOLDO Controls produce a wide range of explosion proof, intrinsically safe and non-incendive limit switch box ATEX certified.

(HAZARDOUS AREA)

The SOLDO S-3GD series limit switch box are suitable for use in zone 2 and 22 (Ex II 3 GD Ex nC IIC T6 X - Ex tD A22 IP67 Txx).

(SWITCH OPTIONS)

The S-3GD series can be provided with SPDT magnetic proximity switches and PNP 3 wire amplified.



(SF-3GD SERIES)

CLASS & MATERIALS

- Water proof IP67
- Aluminium body and cover die cromated and polyester powder coated
- Stainless steel shaft

BENEFITS

- Heavy duty metal housing
- 3D two colours visual indicator
- Twin shaft design
- Nos. 2 high thickness (15mm) thread cable entry (M20X1.5 or 1/2" NPT)
- Extra terminals for solenoid valve connection
- ISO F05 and Namur shaft mounting pattern
- High resolution, easy-set, independently adjustable splined cams



(SS-3GD SERIES)

CLASS & MATERIALS

- Water proof IP67
- AISI 316 (CF8M) stainless steel body and cover
- Stainless steel shaft

BENEFITS

- Heavy duty metal housing
- 3D two colours visual indicator
- Twin shaft design
- Nos. 2 high thickness (15mm) thread cable entry (M20X1.5 or 1/2" NPT)
- Extra terminals for solenoid valve connection
- ISO F05 and Namur shaft mounting pattern
- High resolution, easy-set, independently adjustable splined cams



(SA-3GD SERIES)

CLASS & MATERIALS

- Water proof IP67
- Aluminium body and cover die cromated and polyester powder coated
- Stainless steel shaft

BENEFITS

- Compact design
- Heavy duty metal housing
- No plastic parts [antistatic]
- Nos. 2 high thickness (15mm) thread cable entry (M20X1.5 or 1/2" NPT)
- Extra terminals for solenoid valve connection
- ISO F05 and Namur shaft mounting pattern
- High resolution, easy-set, independently adjustable splined cams



(SC-3GD SERIES)

CLASS & MATERIALS

- Water proof IP67
- Aluminium body and cover die cromated and polyester powder coated
- Stainless steel shaft

BENEFITS

- Heavy duty metal housing
- Aluminium rotary disk for visual indication
- No plastic parts [antistatic]
- Twin shaft design
- Nos. 2 high thickness (15mm) thread cable entry (M20X1.5 or 1/2" NPT)
- Extra terminals for solenoid valve connection
- ISO F05 and Namur shaft mounting pattern
- High resolution, easy-set, independently adjustable splined cams

S-3GD SERIES LIMIT SWITCH BOX

(STANDARD OPTIONS AVAILABLE - Nomenclature)

SF C4 2 0 0 - 2 - 3GD

cable entry
 1 n°2 1/2" npt
 2 n°2 M20x1.5

colour
 0 black
 1 blue RAL 5015
 S stainless steel (only SS)
 E stainless steel electropolish (only SS)

terminal strip
 0 standard PCB + extra solenoid terminals

switch quantity
 max 2 switches

switch type	rating *	max q.ty installed
C4 proximity SPDT inert gas hermetically sealed	max 1A@120VAC - 1A@24VDC - max 25W	2
6H proximity PNP P+F NBB2-V3-E2-3G-3D	3 wire amplified 10-30VDC, 100mA	3
88 proximity PNP P+F NJ2-12GM40-E2-3G-3D	3 wire amplified 10-60VDC, 200mA	2

SA SA series
SC SC series
SF SF series
SS SS series

NOTES
 For dimensional drawing consult SF, SA, SC and SS bulletins.
 For not standard switches pls. consult our office
 * Resistive loads when not specified

(MAX AMBIENT TEMPERATURE)

Max operating voltage	Max operating current	S_C4__-3GD	S_6H__-3GD	S_88__-3GD
120 VAC	1 A	72°C	-	-
24 VDC	1 A	72°C	-	-
30 VDC	25 mA	-	44°C	56°C
	50 mA	-	42°C	56°C
	100 mA	-	41°C	53°C
	200 mA	-	-	43°C
60 VDC	50 mA	-	-	48°C
	200 mA	-	-	36°C

