

SX limit switch box series

Limit switch box designed for explosionproof applications.

Features

- Twin shaft design
- Metallic self lubricating bushings
- Aluminium enclosure with thick protective powder coating
- Two cable entries either metric or imperial
- Multiple indicator options
- Easy wiring through the terminal PCB board

Approvals

ATEX, IECEx, EAC, CCOE:

Ex II 2GD Ex db IIB T4/T5/T6 Gb

Ex tb IIIC T135/T100/T85 °C Db

Ta: -20 °C ≤ Ta ≤ 105 °C / 75 °C / 60 °C

UL:

Class I Division 1 Groups C, D Division 2 Groups A, B, C, D

Class II Division 1 Groups E, F, G Division 2 Groups F, G

SIL certificate: Up to SIL 3 certified by TÜV

Protection rating: NEMA 4 4X

Temperature:

-4 to +176 °F (-20 to +80 °C) standard temperature range



SX limit switch box



Switch	Electro mec. switch, SPDT, silver contacts, up tp SIL3
Switch Quantity	N° 2 switch (related to switch description)
Terminals	Pre-wired terminal strip with additional extra poles for solenoid valve connection
Coating	Black powder coating
Cable Entries	2 cable entries 1/2" NPT
Position Indicator	3D plastic visual position indicator red and green
Approval	UL certified box
Marking	cULus Class1/2 Div 1
IP rating	Nema 4 and 4X
Temperature	Ambient temperature -4 to +176 °F (-20 to + 80 °C)
Material	Die chromated aluminium heavy duty body and cover



