

Flame Proof IIC Lever Limit Switch

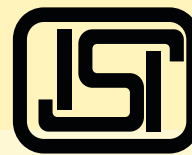


Introduction

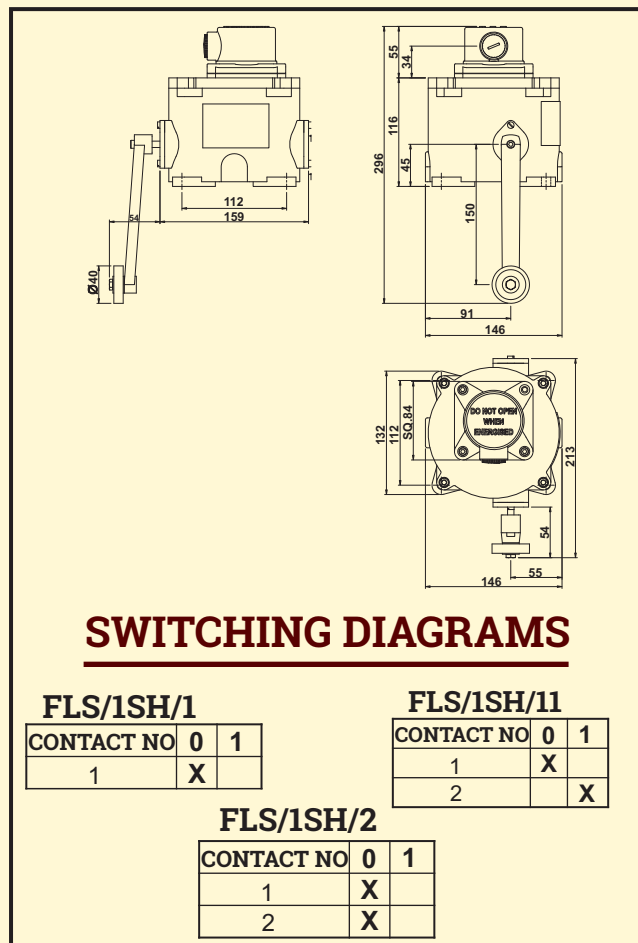
Flame-proof **Lever Limit Switch** FLP-LLS is used to trip motor supply when the moving loads reach the extreme end positions of working zone. These are suitable for use in explosive gases, as specified Gas groups IIC, as per IS/IEC 60079-0-2017 & IS/IEC 60079-1-2014.

Operation

A two Contact elements are operated by respective rotating cams, suitably adjusted on a cam-shaft. Which rotates with fix speed ratio of the drive motor shaft. The cams can be step lessly positioned so that they trip motor supply and stop the motion at the set point of travel. The Lever Limit Switch with IP-54 degree of protection are available in desired NO/NC contacts .



G.A.Drawing



Technical Data

Explosive Atmosphere Part I Equipment Protection by Flameproof Enclosures "d"	
Product	Lever Limit Switch
Zone	Zone 1, Gas Groups IIC
Model	FLP-LLS2-IIC
Voltage	500VAC
Current	10 A AC max
No of Contacts	2NO or 2NC
Ambient Temperature	-20°C + 40°C
Enclosure	Aluminium Alloy LM 4
Ingress Protection	IP-55(IEC 60529(1989)
Cable Entry	M 20 Single
IS	IS/IEC 600079-0-2017 IS/IEC 600079-1-2014 IS/IEC 600529 : 2001 (Reaffirmed 2014)
BIS License No.	CM/L-72000208195 20-07-21
Certificate No.	IN/CIMFR/TR21/R/419 Date:06-05-2021 Central Institute of Mining & Fuel Research
Petroleum & Explosive Safety Organization (PESO)	A/P/HQ/GJ/104/5699(P455000) Date:26/09/2019