

# FICHA TÉCNICA TECHNICAL DATA

## INTERRUPTORES BAJO CARGA LBS LOADBREAK SWITCHES LBS

Los seccionadores de media tensión para operación bajo carga (LBS) se usan principalmente en transformadores Tipo Pedestal. Han sido diseñados y probados para operar de manera confiable tanto en aceite aislante mineral como vegetal. Los LBS han sido probados según ensayos tipo IEEE std C37.74 en el laboratorio de LAPEM en México.

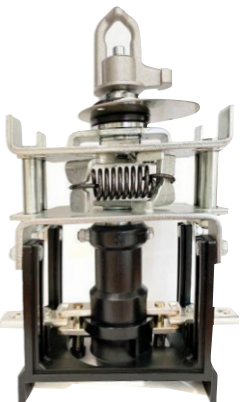
Medium voltage Load Break Switches (LBS) are mainly used in pad-mounted transformers. They have been designed and tested to operate reliably in both mineral and vegetable insulating oil. The LBS have been tested according to IEEE std C37.74 type tests in LAPEM's laboratory in Mexico.



### ESPECIFICACIONES ELECTRICAS/ELECTRICAL SPECIFICATION

Performance according to IEC 62271-1 & IEEE Std C37.74

Rated Voltage (IEC) kV	24	36	40.5 (42)
Rated (Per IEEE) kV	27	38	--
Rated Frequency Hz	50/60		
Rated Short-Circuit Breaking Current kA	I <sub>sym</sub> =12 kA 1s (I <sub>peak</sub> > 31.2 kA)		
Temperature rise for Contacts in Oil °C	<=40		
Mechanical Endurance (operation clockwise/counterclockwise)	1500		
Rated Current A	630	630	300
Rated Power Frequency withstand Voltage (Phase to Phase) kV	50	70	95
Rated Lightning Impulse withstand Voltage (Across the Isolating Distance) kV	125	170	215



Description	Old Reference	New Reference	Drawing
Load Break Switch 2 Positions - Um=38 kV - Single Phase	LBS-025630-01	LBS-038630-01	LBS-01
Load Break Switch 2 Positions - Um=38 kV - Three Phase	LBS-025630-02	LBS-038630-02	LBS-02
Load Break Switch 2 Positions - Um=42 kV - Three Phase	LBS-038300-02	LBS-042300-02	LBS-03
Load Break Switch 4 Positions - Um=27 kV - Single Phase - T Blade	LBS-025630-04S	LBS-027630-04S	LBS-05
Load Break Switch 4 Positions - Um=27 kV - Three Phase - T Blade	LBS-025630-04	LBS-027630-04	LBS-04
Load Break Switch 4 Positions - Um=38 kV - Three Phase - T Blade	LBS-025630-04T	LBS-038630-04T	LBS-10
Load Break Switch 4 Positions - Um=42 kV - Three Phase - T Blade		LBS-042300-04T	LBS-11
Load Break Switch 4 Positions - Um=38 kV - Three Phase - V Blade	LBS-025630-04V	LBS-038630-04V	LBS-07
Load Break Switch 4 Positions - Um=38 kV - Three Phase - Center Blade	LBS-025630-04R	LBS-038630-04R	LBS-08
Load Break Switch 4 Positions - Um=38 kV - Three Phase - Make Before Break	LBS-025630-04MB	LBS-038630-04MB	LBS-09

To request cover mounted assembly, add suffix "-CM"