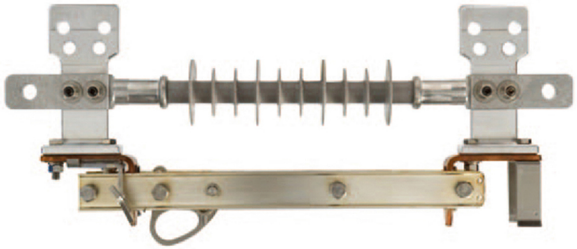
DUCO

Disconnect and bypass switches Contents

LW15-TS distribution-class in-line disconnect switch



• Introduction

oukepu Cooper Power series LW15-TS sinqle insulator in-line tension switches are sinqle-phase hookstick -operated manual switches designed for operation of overhead lines on distribution circuits of 15kV through 38 kV, 150 kV BIL or 200 kV BIL. The LW15-TS switches are rated at 600 A or 900 A continuous current and may be appliedirectly into the line wherever line sectionalizing is desired. The in-line tension style switches provides a rugged and reliable disconnect option for line sectionalizing. The silver-plated LW15 type copper truss-type blade assembly provides superior strength and smooth reliable latching mechanism. The switches come standard with loadbreak hook to be used with the appropriate tool for opening the switches under load. Loadbreak hooks also act as a blade alignment guide to help in safe, reliable dosing operation. UltraSIL silicone rubber polymer insulator with crimped end fittings provides reduced weight and added durability for easier installation and enhanced ruggedness in the field. The extra long creep makes the switch ideal for high pollution and coastal environments. The switch is equipped with terminals providing NEMA® spacing in several different directions. This allows for increased flexibility during installation depending on the application requirements.

• Technical data

Base Catalog Number*	Continuous Current (A)	BIL (kV)	Power Frequency Dry 60 Sec (kV)	Momentary Current (rms kA)	Momentary Current (Peak kA)	Insulator Creep Distance		Rated Ultimate Tension Strength	
						(Inches)	(mm)	(LBS)	(N)
LW15TS38S0	600	150	70	25	65	23.2	589	15,000	66,723
LW15TS39S0	900								
LW15TS56S0	600	200	95	25	65	38.9	988	15,000	66,723
LW15TS59S0	900								