Product Datasheet
HWS4S425D1AE



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Air Circuit Breaker HWS4 85kA 2500A 4P Drawout LSI

Technical Features

Electric current	
Rated current	2500 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	85 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	85 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	85 kA

Endurance	
Electric endurance in number of cycles	8000
Number of mechanical operations	10000

Voltage	
Rated insulation voltage Ui	1000 V
Rated impulse withstand voltage Uimp	12 kV
Type voltage supply	AC

Resistance	
Internal resistance	13.1 µΩ

Architecture	
Number of poles	4
Number of protected poles	4
Device construction type	Drawout
Type of pole	4P

Tripping	
Time of response when closing	40 ms

Power	
Total power loss under IN	226.4 W

Sustainability	
Halogen free	Yes
REACh-SVHC free	Yes
RoHS conform	Yes