



HWS4S440D1AE

**Air Circuit Breaker HWS4 85kA 4000A 4P Drawout LSI**

**Technical Features**

**Electric current**

Rated current	4000 A
Rated ultimate short-circuit breaking capacity $I_{cu}$ under 400 V AC IEC 60947-2	85 kA
Rated service breaking capacity $I_{cs}$ under 230 V AC according to IEC 60947-2	85 kA
Rated service breaking capacity $I_{cs}$ 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 $U_i$	1000 V
Rated impulse withstand voltage $U_{imp}$	12 kV
Type voltage supply	AC

**Resistance**

Internal resistance	13.1 $\mu\Omega$
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**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
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**Power**

Total power loss under $I_N$	800.1 W
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**Sustainability**

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes