

50 kA



Moulded Case Circuit Breaker h1600 4P 50kA 1600A LSI

Technical properties

Architecture	
Type of order	Toggle
Number of poles	4 P

Type of p	pole	4P4D N:0/50/100%
-----------	------	------------------

Functions

Complete device with protection unit	Yes
Trip Unit	LSI
Integrated earth fault protection	No

Configuration

Number of modules	16

Main electrical features

Rated operational voltage Ue	220 / 690 V
Frequency	50/60 Hz

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV
With under voltage release	No

Electric current

Rated current	1600 A
Rated ultimate short-circuit breaking capacity Icu under 690V AC IEC 60947-2	45 kA
Thermal protection nob setting xIN	0.4 / 0.5 / 0.63 / 0.8 / 0.9 / 0.95 / 1
Thermal setting current on neutral pole	0 / 0.5 / 1 ln
Breaking capacity on 1 pole for IT 230V NF 60947-2	60 kA
Breaking capacity on 1 pole for IT 400V NF 60947-2	9 kA
Rated service breaking capacity Ics AC according IEC 60947-2	100 %
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	100 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	100 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capa-	

city Icu under 415V AC IEC 60947-2

Standards	
Standard text	IEC 60947-2
European directive WEEE	concerned
Use conditions	
Operating temperature	-2570 °C
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-3570 °C