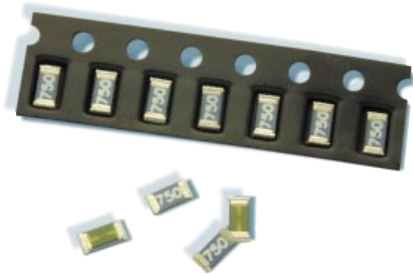
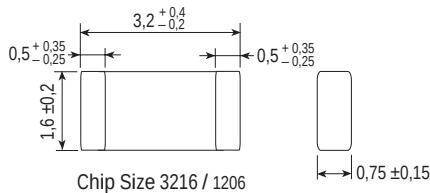




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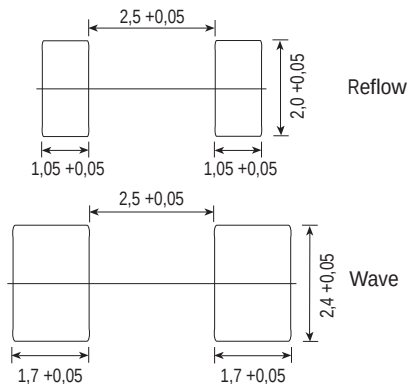


Dimensions (mm)



Pad Layout

Solder the fuse with the marked side facing up



UL 248-14, 63V, F

Time-Current Characteristic

Quick Acting (F)

Standard

UL 248-14
CSA C22.2 No. 248.14

Approvals

cULus Recognized: File No. E 67006

Features

Reliable thick film melting element
Flame resistant ceramic substrate
Low power density
Reduced PCB space requirements
Internationally approved
Stable thermal characteristics under varying operating temperatures

WebLinks

Data Sheet

www.wickmann.com/products/443.pdf

Approval Certificates

www.wickmann.com/approvals

Time-Current Curve

Page 69
www.wickmann.com/itcurves

Packaging

Page 119
www.wickmann.com/pack

Specifications

Packaging

000: Blister Tape (3000 pcs.)

Materials

Housing: Ceramic substrate
Element: Thick film
Terminals: Tinned, metallized

Operating Temperature

-40°C to +85°C (consider de-rating)

Climatic Category

-40°C/+85°C/21 days (IEC 60068-2-1...3)

Stock Conditions

+10°C to +60°C
relative humidity ≤ 75% yearly average,
without dew, maximum value for 30 days-95%

Vibration Resistance

24 cycles at 15 min. each (IEC 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Solderability

235°C, 2 sec. (IEC 60068-2-58)

Soldering Heat Resistance

260°C, 10 sec. (IEC 60068-2-58)

Recommended Solder Glue

Grace Amicon 125 F

Minimum Cross Section, Copper

Conducting path - 0.1mm²
Thickness - 0.035mm

Mounting

Solder the fuse with the marked side facing up
Avoid circuit traces below the fuse

Marking

Current Rating

Unit Weight

0.04g (approx.)

Limits for Pre-arcing Time

Rated Current	$2.5 \times I_{\text{Rated}}$
750mA ... 2.00A	< 5s



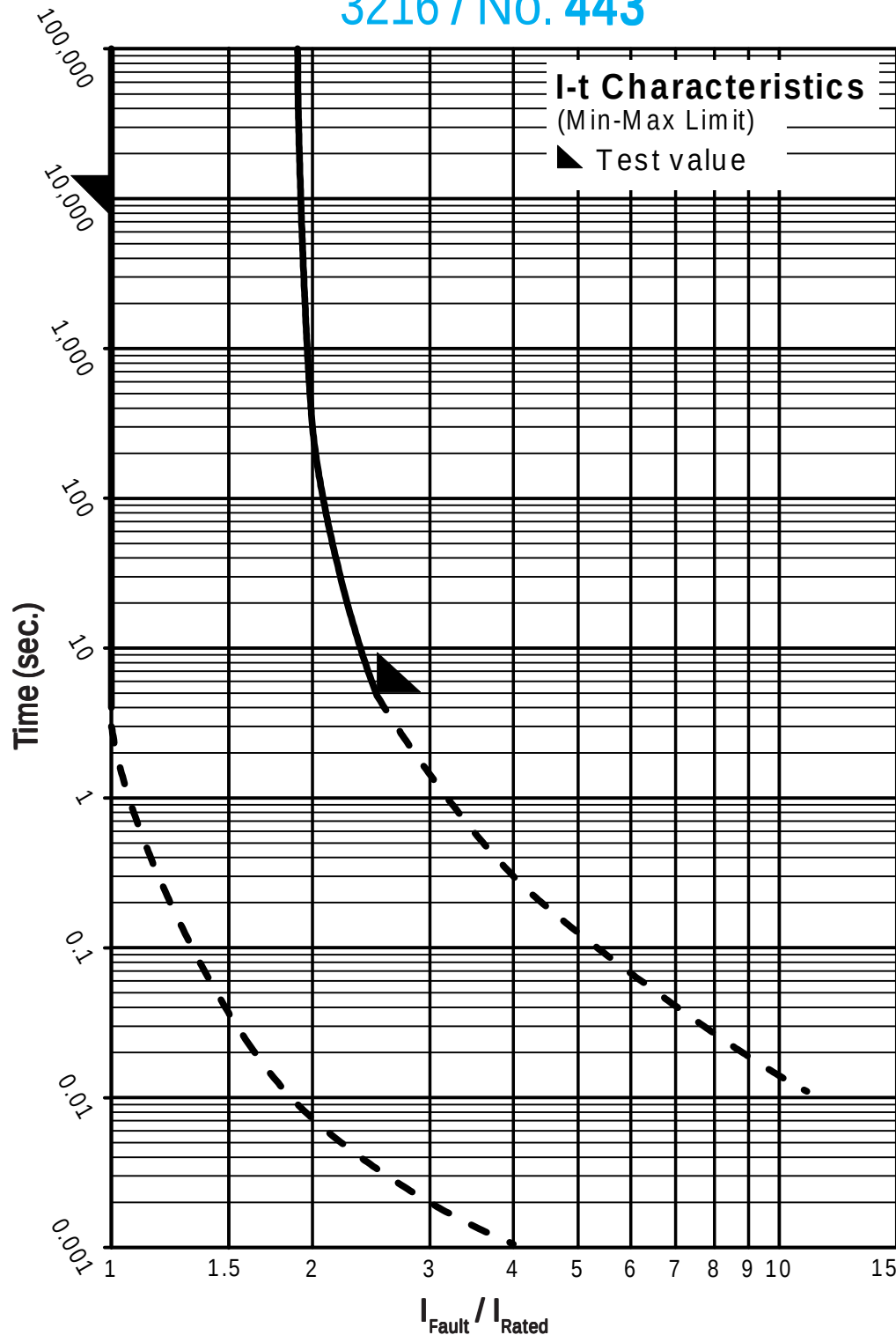
Permissible continuous operating current is ≤ 70% at ambient temperature of 23°C (73.4°F).

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop $1.0 \times I_{\text{Rated}}$ typ. (mV)	Power Dissipation $1.0 \times I_{\text{Rated}}$ max. (mW)	Melting Integral $10 \times I_{\text{Rated}}$ max. (A ² s)	Approvals
750mA	0750	63V	50A / 63VAC/DC 50-60Hz cos φ = 1.0	465	585	0.03	• • • • •
1.00A	1100	63V		425	700	0.05	
1.50A	1150	63V		340	850	0.2	
1.75A	1175	63V		370	900	0.2	
2.00A	1200	63V		325	900	0.4	

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		443		

3216 / No. 443



Contact WICKMANN for individual I-t curves