

Cold-cathode scale-of-ten counter for electronic counting and sequential selection among ten discharge positions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 CounterSelectorSwitch	
MAXIMUM PLATE VOLTAGE	475 V
Cold-cathode scale-of-ten counter section. Previous 1.026 A promoted cathode-current value was cleared as corrupt; source-specific values remain in parameters.	

GS10H is a cold-cathode scale-of-ten counter, classified as Nixie for this batch. The supplied datasheet was reviewed for ratings, operating conditions, display/counting function, and mechanical information.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Ericsson Telephones Ltd

Published test conditions and operating points. Values on this page are preserved as reported by this source.

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Section 1 · CounterSelectorSwitch

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal/running voltage	475 V	—
Selector ways	10	—
Counting direction	Bidirectional	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum cathode/anode current	1.026 A	—
Minimum cathode/anode current	1.026 A	—
Maximum counting rate	5000 pulses/s	—



SOURCE OPERATING CONDITIONS

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196X Nixie Random Datasheets

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196X NIXIE RANDOM DATASHEETS

Section 1 · CounterSelectorSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Supply Voltage	475 V	Published datasheet value
Maximum Cathode/Anode Current	0.37 mA	Published datasheet value

CHARACTERISTIC**PARAMETER****PUBLISHED VALUE****CONDITION / NOTE**Minimum Cathode/Anode
Current**0.25 mA**

Published datasheet value

Running Voltage

187 V

Published datasheet value