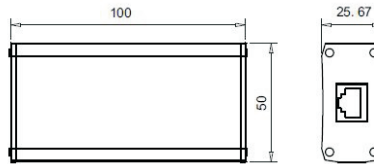


# STS-NET-CAT6-POE-3K

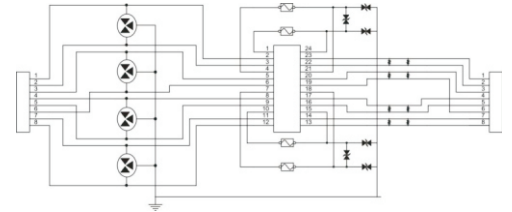
Datasheet



Figure without obligation



Dimension drawing



Basic circuit diagram

Model	STS-NET-CAT6-POE-3K
Nominal voltage DC/AC	48V
Max. continuous operating voltage DC/AC	57V
Nominal load current	800mA
Nominal discharge surge current (8/20) $\mu$ s X-X/X-G	2.5kA
Total discharge surge current (8/20) $\mu$ s	10kA
Total lightning impulse current (10/350) $\mu$ s	2.5kA
Response time	$\leq 25$ ns
protection level	70V
Resistance per path	4.7 $\Omega$
Transmission characteristic	1000 Mbps
Max. frequency	>250 MHz
Insertion loss	$\leq 0.8$ dB(80MHz) $\leq 1.5$ dB(100MHz)
Interface type	RJ45
Temperature range	-40 ~85 $^{\circ}$ C
Shell material	Metal
Grounding Mode	Bolt
Protection rating	IP20
Failure mechanism	Network cable short circuit or disconnection to ground

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STS-NET-CAT6-POE-3K

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