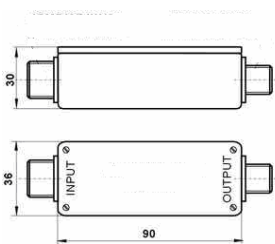




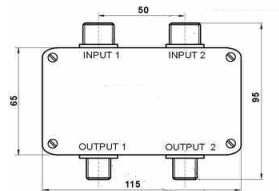
Differential Charge Amplifiers NTIQ05-X. X. XXX

Parameter	Unit	NTIQ05-A. X. XXX*2	NTIQ05-b. X. XXX*2	NTIQ05-B. X. XXX*2,*3
Sensitivity*4 (±2%).....	mV/pC	1; 10; 100;	0.1	
Quantity of channels.....	-	1; 2	1; 2	1
Input charge range*5.....	pC	13 000, 1 300, 130, 130 000	7 000...13 000, 700...1 300), 70...130, 70 000...130 000	2 400, 240, 24, 24 000
Sensitivity deviation.....	%	< 1	< 1	< 1
(over temperature range)	°C	(- 40...+ 85)	(- 40...+ 85)	(- 20...+ 50)*6
Output resistance	Ohm	< 1 000		
Frequency range at the level -3dB*1.....	Hz	1...30 000		
Max output voltage (at the distortion factor < 5 %)	V	± 13	± (7 ... 13)	± 2.4
Load resistance.....	kOhm	> 10		
Noise.....	pC/pF	< 5 • 10 ⁻⁶		
Output bias voltage.....	mV	< 1	< 1	+2.5
Voltage power.....	V	+ (12 ± 0.5)	± (9 ... 15)	+ 9
Current power.....	mA	20	6 ... 10	10
Weight.....	gram	100 (250)*7	100 (250)*7	450
Additional order		power unit	power unit	

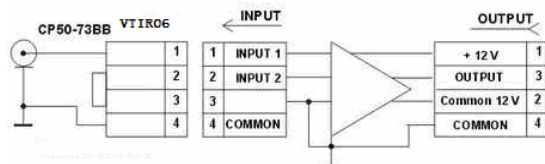
General view of NTIQ05-A. 1. XXX and NTIQ05-b. 1. XXX



General view of NTIQ05-A. 2. XXX and NTIQ05-b. 2. XXX

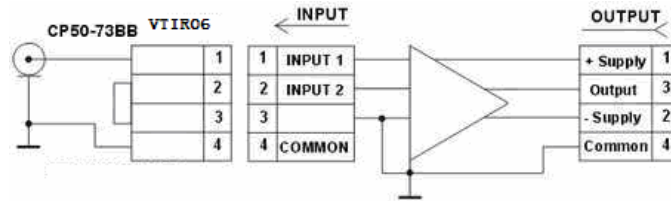


Electrical circuit of NTIQ05-A. 1. XXX and NTIQ05-A. 2. XXX

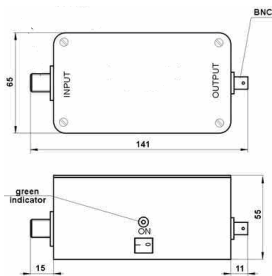




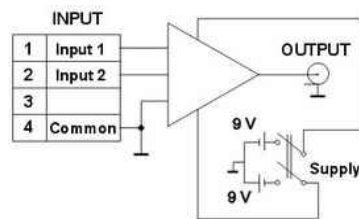
Electrical circuit of NTIQ05-b.1.XXX and
NTIQ05-b.2.XXX



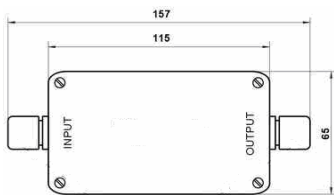
General view of
NTIQ05-B. 0. XXX



Electrical circuit of
NTIQ05-B. 0. XXX



General view of
NTIQ05-B. 1. XXX



Electrical circuit of
NTIQ05-B. 1. XXX

