QT4810 SERIES

Features

.Clear feature curves
.Double cluster display circuit for multiple current amplification
.Max. step potential source output is up to 2V/STAGE
.Conjugation function for the parallel FET

QT4810A

Technical data		QT4810A
Deflection coefficient of vertical axis	Scope of collector current(I_C)	20μA/div~1A/div, divided into 15 grades, error is not more than ±3%
	Reversal drain current of diode(I_R)	0.2μA/div~1A/div, divided into 6 grades
		2μA/div~10μA/div,error is not more than ±3%
		0.2μA/div~1μA/div,error is not more than ±10%
		0.2μA/div, interfere ≤0.5V/div
	Base current or base voltage	20mV/div, error≤±3%,deflection multifying factor x0.5,error≤±10%
Deflection coefficient of horizontal axis	Scope of collector voltage	0.05V/div~500V/div divided into 10 grades, error≤±3%
	Scope of drain current voltage of diode	100V/div~500V/div divided into 3 grades, error≤±5% (for matching 5kV test floor)
	Scope of base voltage	0.05V/div~2V/div, divided into 6 grades, error≤±3%
	Base current or base source voltage	0.1V/div, error≤±3%
Step signal	Scope of step current	1μA/STAGE~0.1A/STAGE, divided into 16 grades, error≤±5%
	Scope of step voltage	0.05V/STAGE~2V/STAGE, divided into 6 grades,error≤±5%
	Stage number per cluster	4~10 stages continuously adjustable
	Step zeroing	Not less than ±1DIV
	Step number per second	200(commercial frequency:50Hz)
	Step polarity	Positive or negative
	Step form	Continuous or single cluster
Collector sweep supply	Max. current or power of sweep supply each grade	0~5V grade:10A
		0~20V grade:2.5A
		0~100V grade:0.5A
		0~500V grade:0.1A
	Dissipation resistance	0~500kΩ, divided into 11 ranges 2.5~100kΩ, divided into 6 ranges
		10Ω~500kΩ, error≤±10%
		0.5Ω~2.5Ω, error≤±20%
Power source		220VAC±10%, 50Hz±2Hz
Dimensions(W×H×D)		240×330×480mm
Weight		13.5kg