ORTEC

ORTEC 416A

Gate and delay generator

Adjustable logic-pulse delays for gating and synchronization, with selectable output polarity, amplitude and width.



Delay	utput pulse width	utput amplitude
.1–110 µs [1]	**.4–4 µs** [1]	**+2…+10 V / −2…−10 V** [1]

Specifications

Delay	0.1–110 µs	[1]
utput pulse width	0.4–4 µs	[1]
utput amplitude	+2…+10 V / −2…−10 V	[1]
Delay nonlinearity	≤±2%	[1]
Delay jitter	≤0.02% of selected range	[1]
Output generator dead time	Selected pulse width + 0.2 µs	[1]
Net weight	1.3 kg	[1]
Module format	Single-width NIM	[1]

Sources

[1] **416A Gate and Delay Generator**
RTEC (AMETEK) · datasheet · p. 1, features; Controls (DELAY); p. 1, features; Controls (WIDTH); p. 1, Controls (AMPLITUDE) · checked 2026-10-16
https://web.archive.org/web/20231020171625/https://www.ortec-online.com/-/media/ametekortec/brochures/4/416a…

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.