

# Manual Pulse Width Extender TLP-16012A

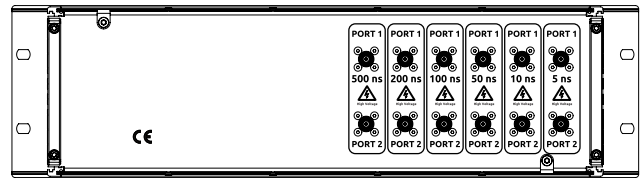
Advanced TLP/HMM/HBM Solutions

## 1 Features

- 4 kV (50 Ω) manual pulse width extender
- 6 manual selectable pulse width: 5, 10, 50, 100, 200 and 500 ns
- Compatible with TLP-16010A high voltage pulse generator
- High pulse output current up to ±160 A (short circuit)
- High voltage TNC connectors



(a) TLP-16012A front side



(b) TLP-16012A rear side

Figure 1: TLP-16012A pulse width extender

## 2 Description

The pulse width extender TLP-16012A is used to set the pulse width of the TLP-16010A pulse generator 5, 10, 50, 100, 200 and 500 ns.

The pulse width can be selected manually on the backside of the TLP-16012A by using two dedicated high voltage port selection cables.

## 3 Specifications

Parameter	Symbol	Limit Values			Unit	Remarks
		Min.	Typ.	Max.		
Pulse width	$t_p$	10		500	ns	manual selectable 5, 10, 50, 100, 200 and 500 ns
Dimensions (W x H x D)	D <sub>12012A6</sub>	428 (482.6) x 132.5 x 485			mm <sup>3</sup>	428 mm body, 482.6 mm rack flange
Weight	W <sub>TLP-16012A</sub>		16		kg	excluding accessories

## 4 Ordering Information

Pos.	Description	Part No.
01	Pulse width extender, 8 manual selectable built-in pulse width: 5, 10, 50, 100, 200 and 500 ns	TLP-16012A

### General

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