

# Interchangeable kit WS ASYS/ATH01/173,5

Artículo 116630



DIRECTAMENTE AL PRODUCTO

ingun®

Partner for Future Technology

- Inline interchangeable kit for ASYS handler ATH01/173,5
- Conexión precisa y con seguridad de proceso, con guías adaptadas idealmente
- Dual-stage centring in top interchangeable kit (1. FS/PCB - 2. WSO/WSU)
- Construcción modular con pieza inferior (WSU) y pieza superior (WSO)
- Realización robusta y estable a largo plazo, con excelente vida útil
- Para el montaje de los artículos suministrados sin montar, deben utilizarse los planos de los artículos especificados en la lista de piezas

## Utilización

The WS ASYS/ATH01/173,5 inline interchangeable kit is used for reliable testing of PCBs in the ASYS ATH01 inline handler, which has a working distance (distance between the insertion plates when contacted) of 173.5 mm.

## Modelo

- 12 mm thick, ESD-compliant, deflection-resistant, floating pressure frame plate made of FR4
- 12 mm thick, ESD-compliant, deflection-resistant probe plate made of FR4
- 12 mm thick, deflection-resistant spacer plate made of FR4
- 10 mm thick, deflection-resistant reinforcement bar made of steel
- High-precision guide pins with guide bushes for centring of top interchangeable kit (WSO) and bottom interchangeable kit (WSU).
- Pylon interface for the bottom interchangeable kit (WSU) for signal connection to the test system
- Barcode bracket on the top interchangeable kit (WSO) and bottom interchangeable kit (WSU).
- Extensive range of accessories for individually configurable upgrade and DUT-specific customisation

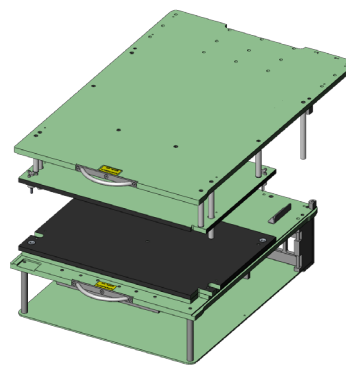
## Guide quality

- Compensación de centrado suspensión flotante:  $\pm 0,75$  mm
- Centring accuracy of guide pins/guide bushes:  $\pm 0,05$  mm

## Entrega

The kit must be assembled upon delivery and includes Pylon interface for bottom interchangeable kit (WSU), reinforcement bars, guide pins, spacer bolts, barcode bracket, and installation accessories.

NEW



## Interface to test system

The inline interchangeable set is connected to the test system via Pylon interfaces. The Pylon interface for the bottom interchangeable kit (WSU) is included in the scope of delivery, while the interface for the top interchangeable kit (WSO) is available separately. Both unpopulated Pylon interfaces are equipped with DUT-side interface blocks (SB-P-....).

### Nota:

The WS ASYS/ATH01/173.5 inline interchangeable kit is designed for ASYS inline distributors with a working distance of 173.5 mm. The working distance refers to the distance between the insertion plates when they are in the working position (contacted).

### Nota:

The customising guidelines INFO 4717 should be referred to for the DUT-specific customisation of the inline interchangeable kit. The customising guidelines INFO 4716 must be used for the kit-specific customisation.

### Nota:

Guide pins with guide bushes for WSO/WSU should be replaced after approximately 750,000 load cycles or 0.1 mm wear to ensure a consistently high contact quality.

# Interchangeable kit WS ASYS/ATH01/173,5

Artículo 116630



DIRECTAMENTE AL PRODUCTO

**ingun**<sup>®</sup>

Partner for Future Technology

## Datos generales

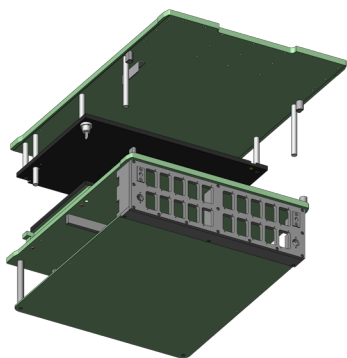
Grupo de productos:	Juego de recambio Inline (WS)
Subserie:	WS ASYS
Serie:	
Modelo:	con interfaz
Estado de entrega:	No montado
Señales interfaces máx.:	20
Bloques de interfaces necesarios:	Lado de pieza de prueba
Bloques de interface internos máx.:	20
Contacto de 2 fases:	Sí
Contacto bilateral:	Sí
Peso:	38,4 kg
Temperatura mín.:	10 °C
Temperatura máx.:	60 °C
Baja tensión:	sí sí
Conforme RoHS:	Sí

## Compatible con

Sistemas de prueba: ASYS INVENTUS ATH01 (173,5)

## Datos técnicos

Longitud émbolo de pisador:	20 mm
Altura de montaje GKS superior:	16 mm
Altura de montaje GKS inferior:	16 mm
Altura de montaje GKS 2 fases inferior:	19,8 mm
Altura de montaje libre sobre la placa de circuitos impresos:	70 mm
Superficie útil (AnxP):	445 x 345 mm
Dimensiones exteriores (AnxPxAl):	520 x 830 x 314 mm



# Interchangeable kit WS ASYS/ATH01/173,5

Artículo 116630



DIRECTAMENTE AL PRODUCTO

**ingun**<sup>®</sup>

Partner for Future Technology

## Accessories

Part no.	Designation	Version
Functional units		
116633	SST-PYLON-20-WSO-ASYS	Pylon interface, 20 poles, max. 3,400 signals
116652	TF-P-SI-340-ASYS	Transfer field, 2 poles, max. 340 signals
116662	VSP WSO-ASYS	Wiring guard plate
116663	VZ-R-08-40-M-ASYS	Pre-centring, diameter: 8 mm, length: 40 mm
Coding blocks		
49906	KB-P-SI-020-24A-L-ASYS	Contact block DUT side, 20 poles
49907	KB-T-SI-020-24A-L-ASYS	Contact block test system side, 20 poles
Sensors		
116668	FB-ABF-K-HMK-ASYS	Check PCB properly aligned positioned
116667	FB-ABF-A-O-10-30VDC	Check PCB present
Customising accessories		
47841	FS-1,95-DK-24-03-B	Tooling pin 3-edged chisel, tip diameter: 1.95 mm
47840	FS-1,95-SW-24-03-B	Tooling pin sword, tip diameter: 1.95 mm
50248	FS-2,90-DK-24-03-B	Tooling pin 3-edged chisel, tip diameter: 2.90 mm
60804	FS-2,90-SW-24-03-B-G	Tooling pin sword, tip diameter: 2.90 mm
30364	FS-3,00-DK-21-03-B	Tooling pin 3-edged chisel, tip diameter: 3.00 mm
30365	FS-3,00-SW-21-03-B	Tooling pin sword, tip diameter: 3.00 mm
22661	NHS-ST-20,0-2,5-POM-M3	Pushrod rigid, tip diameter: 2.5 mm, length: 20 mm
49097	NHS-GF-23,2-5,0-KU-ST-ESD	Pushrod spring-loaded, tip diameter: 5.0 mm, length: 58 mm
Interface blocks (excerpt)		
13515	SB-P-SI-170-4A-0,6	Signal block
16900	SB-P-HS-045-30A-1,0	High-current block
31002	SB-P-HF-016-0,7GHz	Radio-frequency block, 0,7 GHz
34571	SB-P-HF-016-4GHz-Z	Radio-frequency block, 4 GHz
42627	SB-P-HF-008-6GHz-Z	Radio-frequency block, 6 GHz
35532	SB-P-HF-004-18GHz	Radio-frequency block, 18 GHz
116155	SB-P-HSD-005	High-speed-digital block
29448	SB-P-LL-045-DM2,3	Optical wave block
37821	SB-P-PN-008-PK3-A	Pneumatic block
50581	SB-P-MB-20/4-30A/PK3-A	Mixed block, High-current/Pneumatic

## INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162  
78467, Constance, Germany  
Phone +49 7531 8105-0  
Customer hotline +49 7531 8105-888  
Fax +49 7531 8105-65  
info@ingun.com



Precios y plazos de entrega a consultar.  
Cambios técnicos reservados. 05/26\_ES

Más información sobre el tema  
Inline test fixture kit

