

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SINUMERIK

6FC5303-0AF23-0AA1

MCP 310C PN MACHINE CONTROL PANEL

Used with the applicable SINUMERIK machine control panels configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official product documentation

Overview of functions

SINUMERIK 828D CNC controls

Operation

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Description ✓ Basic version O Option – Not available	Article No.	SINUMERIK 828D		
	Notes	SW 24x	SW 26x	SW 28x
Operation				
SINUMERIK operator panels with PCU/TCU		–	–	–
SINUMERIK PCU 50.5 Windows 7		–	–	–
Connection for:				
• Standard monitor (DVI), VGA via ext. adapter, as for PCU 50.5		–	–	–
• SIMATIC OPs		–	–	–
Control unit management:				
• One operator panel per CNC		✓	✓	✓
• Combinations of several operator panels and several CNC controls		–	–	–
Handheld units:				
• SINUMERIK HT 2/HT 8 handheld terminal		–	–	–
• Mini handheld unit with coiled connecting cable	6FX2007-1AD03	O	O	O
• Mini handheld unit with straight cable	6FX2007-1AD13	O	O	O
• Connection kit for mini handheld unit, non-assembled without Industrial Ethernet	6FX2006-1BG03	O	O	O
• Connection kit for mini handheld unit, assembled with PROFINET	6FX2006-1BG20	O	O	O
• 90° angle socket	6FX2006-1BG56	O	O	O
• Holder for mini handheld unit	6FX2006-1BG70	O	O	O
Machine control panels:				
• SINUMERIK MCP 310C PN	6FC5303-0AF23-0AA1	O	O	O
• SINUMERIK MCP 310 USB	6FC5303-0AF33-0AA0	O	O	O
• SINUMERIK MCP 416 USB	6FC5303-0AF34-0AA0	O	O	O
• SINUMERIK MCP 483C PN	6FC5303-0AF22-0AA1	O	O	O
• SINUMERIK MCP 483 USB	6FC5303-0AF32-0AA0	O	O	O
• SINUMERIK MCP Interface PN for customer-specific machine control panel	6FC5303-0AF03-0AA0	O	O	O
• SINUMERIK MPP Machine Push Button Panel		–	–	–
Electronic handwheels:				
• With 120 mm × 120 mm front panel, 5 V DC	6FC9320-5DB01	O	O	O
• With 76.2 mm × 76.2 mm front panel, 5 V DC	6FC9320-5DC01	O	O	O
• With 76.2 mm × 76.2 mm front panel, 24 V DC	6FC9320-5DH01	–	–	–
• Without front panel, without setting wheel, 5 V DC	6FC9320-5DF01	O	O	O
• Without front panel, with setting wheel, 5 V DC	6FC9320-5DM00	O	O	O
• Portable in housing, coiled cable	6FC9320-5DE02	O	O	O
• Flange socket for portable handwheel	6FC9341-1AQ	O	O	O
Connection for electronic handwheels to, max.:		3	3	3
• SINUMERIK PPU		2	2	2
• SINUMERIK MCP Interface PN	Use: Manual machine	1	1	1
Keyboards:				
• Integrated QWERTY keyboard with short-stroke keys		✓	✓	✓
• SINUMERIK keyboards		–	–	–
• KBPC CG US standard PC keyboard		–	–	–
Connection for external storage devices via USB:				
• Card reader USB 2.0 for memory media CF/SD/MMC:	6FC5335-0AA00-0AA0	O	O	O
– 2 GB CompactFlash card	6FC5313-5AG00-0AA2	O	O	O
• USB Flash drive 32 GB including SIMATIC IPC-BIOS-Manager	6AV6881-0AS42-0AA0	O	O	O