

# Rilascio alla vendita del Microdrive PDC600 e PDC600F

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Con effetto immediato vengono rilasciati alla vendita il Microdrive PDC600 e PDC600F



Il PDC600 dispone della funzione Safety STO (cablata).

Il PDC600F dispone anche delle funzioni Safety Estese.

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La combinazione con motori Dunkermotoren e EBM Papst è elencata di seguito:

- Dunkermotoren  
FS65Sx50, FS75x50, FS95x40, FS95x80 Con/senza riduttore a 24 V e 40 V/48 V, freno opzionale
- ebm-papst  
ECI63.20, ECI63.40, ECI63.60, ECI80.40, ECI80.60 Con/senza riduttore a 24 V e 40 V/48 V, freno opzionale

Cavi

- Harting e KnorrTec  
LAI010, LAI020, LPEn1, LPEn2, LPBr1, LPBr2, LPMo1, LPMo3

Disponibile come opzione il Shielding bracket kit per il collegamento degli schermi



## Panoramica funzioni:

<b>Motor power supply in the safety extra-low voltage range</b> 24 V – 48 V DC; output power of the PDC to the motor is 600 W at 48 V DC power supply
<b>External braking resistor can be connected</b> To discharge regenerative energy or during fast braking
<b>Brake control</b> For direct control of the motor holding brake via digital outputs with 24 V DC / 1 A
<b>Plug-in connectors</b> All connectors are accessible from the front on the converter
<b>Compact design</b> Very small size of the converter, no fans, convection cooling
<b>TIA Selection Tool</b> Design with motor library for easy order processing of all partner products

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<b>Motor power supply in the safety extra-low voltage range</b> 24 V – 48 V DC; output power of the PDC to the motor is 600 W at 48 V DC power supply
<b>"Auto Tuning" for initial commissioning</b> But also "Manual Button Tuning" to optimize the motor controller
<b>PROFINET interface</b> Standard communication for real-time transmission (RT/IRT) – 1 ms
<b>Parameter backup</b> Parameters can be simply transferred using an SD card or the TIA Portal
<b>Safety Integrated</b> Integrated Basic and Extended Safety Functions included in scope of delivery
<b>Safety via PROFIsafe</b> Safety functions can be executed via PROFIsafe (PDC600F only)
<b>STO via terminals</b> "Safe Torque Off" is also always available via terminal control
<b>Regenerative feedback protection</b> The regenerative feedback function can be activated/deactivated.
<b>SIMATIC S7 control systems</b> Supported control systems: S7-1200, S7-1500, ET 200SP, Open Controller

Il manuale è disponibile al seguente link;

[https://support.industry.siemens.com/cs/document/109782750/simatic-micro-drive-pdc600\(f\)?dti=0&pnid=13204&lc=en-IT](https://support.industry.siemens.com/cs/document/109782750/simatic-micro-drive-pdc600(f)?dti=0&pnid=13204&lc=en-IT)

La configurazione del Microdrive è integrata nel TST tool

Riepilogo famiglia Microdrive PDC

Prodotto	Descrizione	MLFB	Stato
PDC100	PDC100 up to 100 W motor output and with STO certification	6BK1630-1AA10-0AA0	rilasciato
PDC100F	PDC100F up to 100 W motor power and Safety Integrated via PROFIsafe	6BK1630-2AA10-0AA0	rilasciato
PDC600	PDC600 up to 600 W motor output and with STO certification	6BK1630-1AA60-0AA0	rilasciato
PDC600F	PDC600F up to 600 W motor power and Safety Integrated via PROFIsafe	6BK1630-2AA60-0AA0	rilasciato
PDC1000 V1	PDC1000 V1 up to 1000 W motor output	6BK1630-1BA00-0AA0	rilasciato
SBS1-50	Shielding bracket set 50 mm (2 sets are required below and above the PDC)	6BK1638-0XA50-0AA0	rilasciato
SBS1-70	Shielding bracket set 70 mm (2 sets are required below and above the PDC)	6BK1638-0XA70-0AA0	rilasciato
SBS1-90	Shielding bracket set 90 mm (2 sets are required below and above the PDC)	6BK1638-0XA80-0AA0	rilasciato