1 Explanation of product abbreviations

Gear unit

Series/Product	Product designation
C	Helical gear unit
CC	Helical gear unit for low speeds
F	Offset helical gear unit
FC	Offset helical gear unit for lower speeds
FI	Offset helical gear unit for IMA
FS	Low-backlash offset helical gear unit
K	Helical bevel gear unit
KC	Helical bevel gear unit for low speeds
KL	Compact helical bevel gear unit
KS	Right-angle servo gear unit
KSS	Right-angle gear unit made of stainless steel (SDI)
KX	Single-stage helical bevel gear unit
P	Planetary gear unit
PA	Low-backlash planetary gear unit
PAK	Right-angle planetary gear unit, low-backlash
PAKX	Planetary gear unit with single-stage helical bevel gear unit, low-backlash
PE	Cost-efficient planetary gear unit
PH	Planetary gear unit with flange shaft
PHA	Low-backlash planetary gear unit with flange shaft
PHAK	Right-angle planetary gear unit with flange shaft, low-backlash
PHAKX	Planetary gear unit with flange shaft and single-stage helical bevel gear unit, low-backlash
PHFS	Planetary gear unit with flange shaft and low-backlash offset helical gear unit at the input
PHK	Right-angle planetary gear unit with flange shaft
PHKX	Planetary gear unit with flange shaft and single-stage helical bevel gear unit
PHQ	Planetary gear unit with flange shaft and 4-planet system
PHQA	Low-backlash planetary gear unit with flange shaft and 4-planet system
PHQAK	Right-angle planetary gear unit with flange shaft and 4-planet system, low-backlash
PHQK	Right-angle planetary gear unit with flange shaft and 4-planet system
PHQKX	Right-angle planetary gear unit with flange shaft and 4-planet system and single-stage helical bevel gear unit
PHV	Planetary gear unit with large gear ratio
PHVA	Low-backlash planetary gear unit with large gear ratio
PK	Right-angle planetary gear units
PKX	Planetary gear unit with single-stage helical bevel gear unit
PS	Two-speed gearboxes
PSS	Coaxial planetary gear unit made of stainless steel (SDI)
PQ	Planetary gear unit for IWK
PY	Planetary geared motor with hollow shaft
R	Variable speed gear unit
RC	Variable speed helical gear unit
RD	Small variable speed gear unit
RDC	Small variable speed helical gear unit
RDF	Fine-adjustment offset helical gear unit
RDK	Fine-adjustment helical bevel gear unit
RDS	Fine-adjustment helical worm gear unit
RDW	Fine-adjustment helical worm gear unit
RF	Variable-speed shaft-mounted helical gear unit
RK	Variable speed helical bevel gear unit
RS	Variable speed helical worm gear unit
RW	Variable-speed helical worm gear unit
S	Helical worm gear unit
SC	Helical worm gear unit for low speeds
ZR	Group of rack and pinion drives with screwed pinion
ZRKS	KS right-angle servo gear unit rack and pinion drive with screwed pinion
ZRPH	PH planetary gear unit rack and pinion drive with screwed pinion

ZTR	Group of rack and pinion drives with screwed flange pinion
ZTRKS	KS right-angle servo gear unit rack and pinion drive with screwed flange pinion
ZTRPH	PH planetary gear unit rack and pinion drive with screwed flange pinion
ZTRPHV	PHV planetary gear unit rack and pinion drive with screwed flange pinion
ZTRS	Group of rack and pinion drives with supporting bearing holder
ZTRSPH	PH planetary gear unit rack and pinion drive with supporting bearing holder
ZTRSPHQ	PHQ planetary gear unit rack and pinion drive with supporting bearing holder
ZTRSPHV	PHV planetary gear unit rack and pinion drive with supporting bearing holder
ZV	Group of rack and pinion drives with plug-on pinion
ZVE	Group of rack and pinion drives with insertion pinion
ZVK	K helical bevel gear unit rack and pinion drive with plug-on pinion
ZVKL	KL compact helical bevel gear unit rack and pinion drive with plug-on pinion
ZVKS	KS right-angle servo gear unit rack and pinion drive with plug-on pinion
ZVP	P planetary gear unit rack and pinion drive with plug-on pinion
ZVPA	PA low-backlash planetary gear unit rack and pinion drive with plug-on pinion
ZVPE	PE cost-efficient planetary gear unit rack and pinion drive with plug-on pinion

Motor adapter / input shaft

Series/Product	Product designation
AW	Free input shaft
MB	Motor adapter with brake module
ME	EasyAdapt motor adapter with clamp coupling
MEC	EasyAdapt motor adapter with clamp coupling and fan module
MEL	EasyAdapt motor adapter with clamp coupling and large motor plate
MF	FlexiAdapt motor adapter with clamp coupling
MFC	FlexiAdapt motor adapter with clamp coupling and fan module
MFL	FlexiAdapt motor adapter with clamp coupling and large motor plate
MQ	Square motor adapter with curved tooth coupling or backlash-free plug-in coupling
MR	Round motor adapter with curved tooth coupling or backlash-free plug-in coupling
MT	EasyAdapt motor adapter with clamp coupling (SDI design)

Motors

Series/Product	Product designation
D	Asynchronous motor
DMOT	Special asynchronous motors
ED	Synchronous servo motor, dynamic series
EEXE	Explosion-proof asynchronous motors
EK	Synchronous servo motor, compact series
EZ	Synchronous servo motor
EZHD	Synchronous servo motor with hollow shaft
EZHP	Planetary geared motor with hollow shaft
EZM	Synchronous servo motor for screw drives (direct drive for threaded nut)
EZS	Synchronous servo motors for screw drives (direct drive for threaded spindle)
FD	Forced-ventilated ED synchronous servo motor, dynamic series
FK	Forced-ventilated EK synchronous servo motor, compact series
FZ	Forced-ventilated EZ synchronous servo motor
IE2D	Asynchronous motor in energy efficiency class IE2
IE3D	Asynchronous motor in energy efficiency class IE3
LM	Lean motor
WZ	EZ synchronous servo motor, water-cooled
WZHP	Planetary geared motor with hollow shaft, water-cooled
VEM3	VEM300 compact drive

Electronics

Series/Product	Product designation	Product affiliation
AES	Absolute Encoder Support; battery module for buffering the supply voltage when using encoders with battery-buffered multi-turn stage	Drive controllers of 5th/6th gen.
AP6	Adapter in various designs for connecting encoder cables	Drive controllers of 6th gen.
AS6	AutomationControlSuite; development environment for Motion Control and PLC	MC6
ASP 5001	Safety module for STO over terminals	Drive controllers of 5th gen.
AX 5000	POSISwitch axis switcher for sequential operation of up to 4 synchronous servo motors	MDS 5000, SDS 5000
BRM 5000	Brake module for controlling a brake and for connecting to the shield of the power cable	FDS 5000, MDS 5000
BRS 5001	Brake module for controlling up to 2 brakes and for connecting to the shield of the power cable	SDS 5000
CA6	Communication module for the CANopen connection	SD6
CAN 5000	Communication module for the CANopen connection	Drive controllers of 5th gen.
Control box	Operating device for parameterization and configuration of inverters	Inverters of the 4th gen., FDS 5000, MDS 5000
DL6A	Quick DC-Link rear section module for the DC link connection	SD6
DL6B	Quick DC-Link rear section module for the DC link connection	SC6, SI6, PS6
DP 5000	Communication module for the PROFIBUS connection	Drive controllers of 5th gen.
DS6	DriveControlSuite; project configuration and commissioning software for drive controllers	Drive controllers of 6th gen.
EA4001	Terminal module for connecting analog and binary signals as well as incremental encoders	FBS/FDS 4000
EC6	Communication module for the EtherCAT connection	SD6
EM 5000	EMC shroud for connecting to the shield of the power cable	Drive controllers of 5th gen.
EM6	EMC shroud for connecting to the shield of the power cable	SD6
ECS 5000	Communication module for the EtherCAT connection	Drive controllers of 5th gen.
FAS 4000	POSIDRIVE frequency inverter of the 4th generation (recommended motor rating: 0.37 to 3 kW)	
FBS/FDS 4000	POSIDRIVE frequency inverter of the 4th generation (recommended motor rating: 0.37 to 22 kW)	
FDS 5000	POSIDRIVE frequency inverter of the 5th generation for operating asynchronous motors	
FDS tool	Project configuration und commissioning software for inverters	Inverters of 4th gen.
GB4001	Terminal module with input for incremental encoder or stepper motor signals (HTL/TTL), encoder output as well as a binary output and a connection for the external 24 V_{DC} power supply	FBS/FDS 4000
HT6	Adapter for level conversion from HTL signals to TTL signals	SC6, SI6
IO6	Terminal module for connecting analog and binary signals	SD6
Kommubox	Accessories for the CANopen or PROFIBUS connection	FAS 4000, FBS/FDS 4000
LEA 5000	Terminal module for connecting binary signals	FDS 5000
MC6	Motion controller of the 6th generation	
MDS 5000	POSIDRIVE universal servo inverter of the 5th generation	
Parabox	Accessories for saving and transferring parameters between two frequency inverters or between frequency inverter and PC	FBS/FDS 4000
Paramodul	Removable data storage for quick commissioning and service	Drive controllers of 5th/6th gen.
PN 5000	Communication module for the PROFINET connection	Drive controllers of 5th gen.
PN6	Communication module for the PROFINET connection	SD6
POSITool	Project configuration und commissioning software for drive controllers	Drive controllers of 5th gen.
POSI upgrade module	Accessories for upgrading a single-axis positioning controller	FAS 4000

PS6	Supply module for multi-axis drive systems	SI6
RB 5000	Rear section braking resistor	Drive controllers of the 5th gen., SD6
REA 5001	Terminal module for connecting analog and binary signals as well as encoders and re-solvers	MDS 5000, SDS 5000
RI6	Terminal module for connecting analog and binary signals as well as encoders and re-solvers	SD6
SC6	Compact drive controller of the 6th generation for operating synchronous and asyn-chronous servo axes (with power supply and additional control mode for Lean motors)	
SD6	High-performance drive controller of the 6th generation with modular interface con-cept for operating synchronous and asynchronous servo axes (with power supply and additional control mode for linear motors)	
SDS 4000	POSIDYN servo inverter of the 4th generation	
SDS 5000	Powerful POSIDYN servo inverter of the 5th generation	
SE6	Safety module for expanded safety technology (speed and position functions, safe brake management)	SD6
SEA and SDP 4000	Combination module for connecting analog and binary signals and for the PROFIBUS connection	SDS 4000
SEA 5001	Terminal module for connecting analog and binary signals	MDS 5000, SDS 5000
SI6	Compact drive controller of the 6th generation for multi-axis drive systems for operat-ing synchronous and asynchronous servo axes (with DC supply and additional control mode for Lean motors)	
SR6	Safety module for STO over terminals, electronic and free of wear	SC6, SI6
SSI-4000	Terminal module for connecting binary signals as well as SSI encoders	FBS/FDS 4000
ST6	Safety module for STO over terminals, electronic and free of wear	SD6
SY6	Safety module for STO and SS1 using FSoE, electronic and free of wear	SC6, SI6
SZ6	Option module without safety functions for bridging the safety-relevant interface of the drive controller	SC6, SI6
XEA 5001	Expanded terminal module for connecting analog and binary signals as well as encoders	MDS 5000, SDS 5000
XI6	Expanded terminal module for connecting analog and binary signals as well as encoders	SD6

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