

1.2.2 Components of the System

Drive Controllers HCS01

Type Code

Abbrev. column	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	4					
Example:	H	C	S	0	1	.	1	E	-	W	0	1	3	-	A	-	0	2	-	E	-	S	3	-	E	C	-	N	N	-	N	N	-	F	W	0
Product																																				
HCS	= HCS																																			
Line																																				
1	= 01																																			
Design																																				
1	= 1																																			
Power supply unit																																				
Infeding	= E																																			
Cooling mode																																				
Air, internal.	= W																																			
Maximum current																																				
At mains connection voltage "02"																																				
3 A	= 0003																																			
6 A	= 0006																																			
9 A	= 0009																																			
13 A	= 0013																																			
18 A	= 0018																																			
At mains connection voltage "03"																																				
5 A	= 0005																																			
8 A	= 0008																																			
18 A	= 0018																																			
28 A	= 0028																																			
54 A	= 0054																																			
Degree of protection																																				
IP 20	= A																																			
Mains connection voltage																																				
3 x AC 110...230 V ±10%	= 02																																			
3 x AC 200...500 V ±10%	= 03																																			
Control section design Communication																																				
ADVANCED SERCOS III master (cross communication).	= A-CC																																			
BASIC MultiEthernet.	= B-ET																																			
ECONOMY SERCOS III.	= E-S3																																			
Interface 1																																				
Encoder IndraDyn / Hiperface® / 1Vpp / TTL / EnDat 2.1/2.2.	= EC																																			
Interface 2																																				
CANopen	= CN ❶																																			
Encoder IndraDyn / Hiperface® / 1Vpp / TTL / EnDat 2.1/2.2.	= EC ❶																																			
Encoder emulation.	= EM ❶																																			
MultiEthernet	= ET ❷																																			
Not equipped	= NN																																			
PROFIBUS	= PB ❶																																			
Interface 3																																				
STO (Safe Torque Off)	= L3 ❸																																			
STO (Safe Torque Off) and SBC (Safe Brake Control).	= L4 ❸																																			
Not equipped	= NN																																			
Other design																																				
None	= NN																																			
Firmware																																				
Denotes that firmware must be ordered as separate subposition	= FW																																			
Note																																				
❶ Not available with Control section design Communication "E-S3"																																				
❷ Not available with Control section design Communication "A-CC"																																				
❸ The "L3" and "L4" interfaces guarantee the function, as well as its certification																																				
Standard reference																																				
Standard	Edition																																			
DIN EN 60529	2000-09																																			
Title																																				
Degrees of protection provided by enclosures (IP code)																																				

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Fig. 1-7: Type Code HCS01