

Ordering code

Table 118.1

Series	Field bus	Rated current	Power supply	Option 1	Special design
HA-680	- ML CL	4 6 4B 6B	20 ... 28 VDC	Sxxx (Only for HA-680ML)	According to customer requirements
Ordering code					
HA-680	- ML	- 4B	- 24	- Sxxx	- SP

Table 118.2

Field bus	
Ordering code	Field bus
-	Without
ML	MECHATROLINK
CL	CC-Link

Table 118.3

Rated current	
Ordering code	Description
4	4 A _{eff} for FHA-C Mini
6	6 A _{eff} for FHA-C Mini
4B	4 A _{eff} for RSF Mini
6B	6 A _{eff} for RSF Mini

Table 118.4

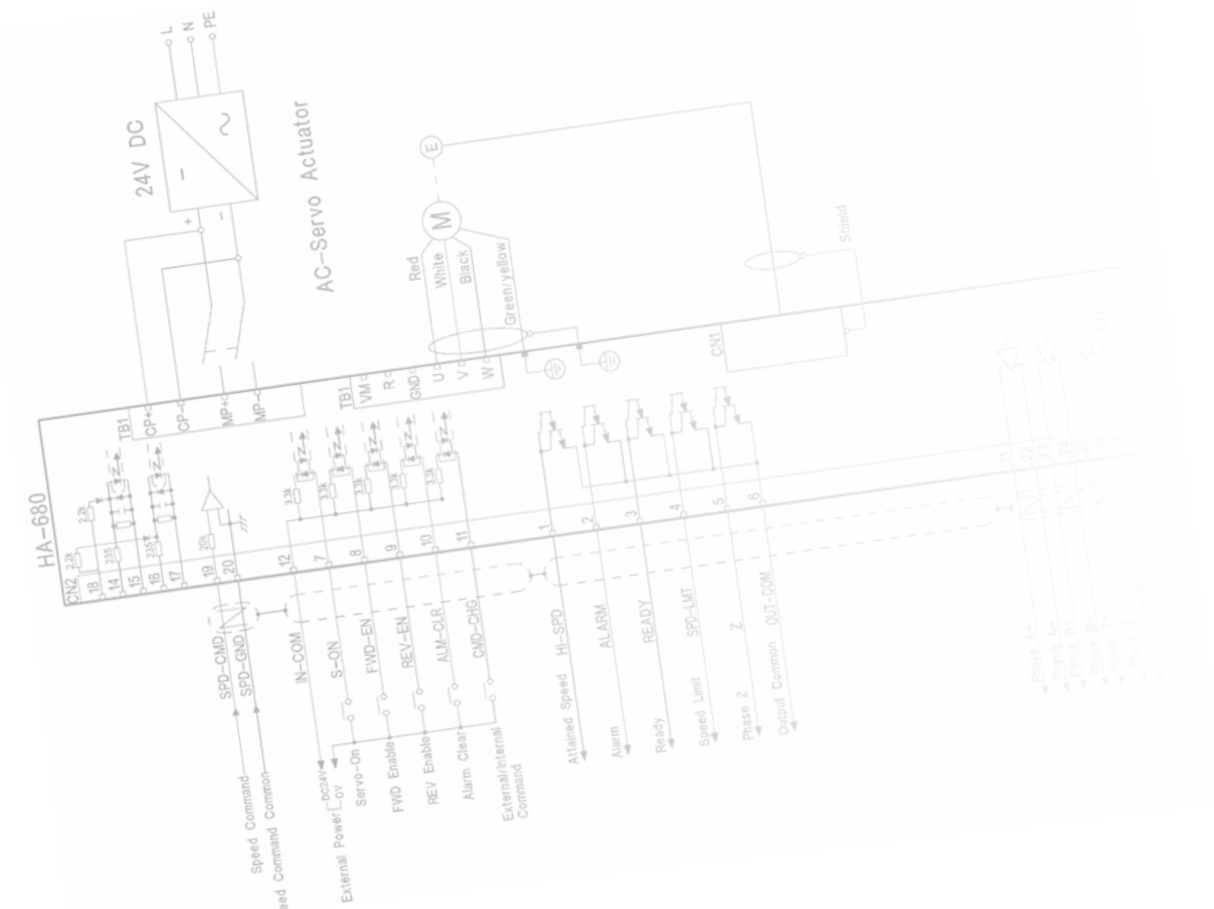
Option 1	
Ordering code	Description
Sxxx	Control number for model adaptation (Only for HA-680ML)

Combinations

Table 119.1

	Motor feedback	Size			
		HA-680xx-4	HA-680xx-6	HA-680xx-4B	HA-680xx-6B
FHA-8C	D200	●	-	-	-
	E200	○	-	-	-
FHA-11C	D200	●	-	-	-
	E200	○	-	-	-
FHA-14C	D200	-	●	-	-
	E200	-	○	-	-
RSF-3C	E020	-	-	●	-
RSF-5B	E050	-	-	●	-
RSF-8B	F100	-	-	●	-
RSF-11B	F100	-	-	-	●
RSF-14B	F100	-	-	-	●

● available ○ on request - not available



Technical data

Table 120.1

		Unit	HA-680xx-4x-24	HA-680xx-6x-24
Supply voltage	Main circuit	U_N [VDC]	20 ... 28	
	Control circuit	U_N [VDC]	20 ... 28	
Rated current		I_N [A]	4	6
Maximum current		I_{max} [A]	8.4	16.5
Cooling			Air cooling	
Field bus			MECHATROLINK CC-Link	
Dimensions (W x H x D)		[mm]	115 x 34 x 79.5 (Variant with field bus has other dimensions)	
Weight		m [kg]	0.23	
Analogue input (± 10 VDC, 13 bit)			1	
Digital inputs and outputs			5 / 5	
Encoder monitor			1	
Motor feedback			Wire, incremental, square wave signal Wire, incremental, serial interface ¹⁾	
Ambient operating temperature		[°C]	0 ... 50	

¹⁾ On request

