

Module overview

Use the information in the controller manuals to define and select a suitable controller in this family.

The data in the following table is intend for general information and reordering.

Type	Analog inputs	On/off outputs		On/off supply voltage (DI signal)		Analog outputs	Stepper outputs	Module with switches	Code
	For sensors, pressure transmitters, etc.	Relay (SPDT)	Solid state	Low voltage (80 V max.)	High voltage (260 V max.)	0–10 V d.c.	For valves with step control	For over-riding relay outputs	With screw terminals
Controller	11	4	4	-	-	-	-	-	-
The controller module supports the I/O connections listed in the previous line. If additional connections are necessary, one of the modules listed below should be used.									
Extension modules									
AK-XM 101A	8								080Z0007
AK-XM 102A				8					080Z0008
AK-XM 102B					8				080Z0013
AK-XM 103A	4					4			080Z0032
AK-XM 107A pulse module									080Z0020
AK-XM 204A		8							080Z0011
AK-XM 204B		8						x	080Z0018
AK-XM 205A	8	8							080Z0010
AK-XM 205B	8	8						x	080Z0017
AK-XM 208C	8						4		080Z0023
AK-OB 110						2			080Z0251

Miscellaneous

Type	Functional description	Application	Code
AK-ST 500	Operating software for AK controllers	AK operation	080Z0161
-	Cable between PC and AK controller	AK Com port (length 3 m)	080Z0262
-	Cable between null modem cable and AK controller	AK RS 232 (length 1 m)	080Z0261
-	Cable between PC and controller	AK-USB	084Z0264
AK-OB 101A	Real time clock with battery backup	For installation in an AK controller	080Z0252
AK-PS 075	Power supply 18 VA	Can be mounted to the left of the controller	080Z0053
AK-PS 150	Power supply 36 VA	Can be mounted to the left of the controller	080Z0054
AK-PS 250	Power supply 60 VA	Can be mounted to the left of the controller	080Z0055
AK-CM 101A	Communication module for AK-SC 355 and AK-SC 255	Lon TP 78 data communication (not available in Europe)	080Z0061
AK-CM 101C		Lon RS 485 data communication	080Z0063
AK-CM 102	Communication module for AK-PC 781 etc.	Data communication for external extension modules	080Z0064