

Fact Sheet

Detailed overview of ADAP-KOOL™ Case Controllers



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Product type	Expan. device	Power supply		Control principle			Hardware output								
		S/M pack, 115 V AC	S/M pack, 230 V AC	ON - Off thermostat	MTR - Modulating thermostat	Adaptive Superheat - DX (MSS)	Adaptive liquid control - ALC	Quick setup with application macros/settings	U/C						
	TXV	AKV		Housing (Panel or DIN/rail)					D01	D02	D03	D04	D05	D06	D07
EKC223	✓	08484053	08484054	P	✓	✓	✓	3	16 (16) A, 10 FLA / 60 LRA at 230V, 16 FLA / 72 LRA at 115V	8 A, 2 FLA / 12 LRA	3 A, 2 FLA / 12 LRA				
EKC224	✓	08484055	08484056	P	✓	✓	✓	4	16 (16) A, 10 FLA / 60 LRA at 230V, 16 FLA / 72 LRA at 115V	8 A, 2 FLA / 12 LRA	3 A, 2 FLA / 12 LRA	2A			
EKC202A	✓	08488531	08488521	P	✓	✓	✓	2	8 (6) A, 5 FLA, 30 LRA	8 (6) A, 5 FLA, 30 LRA					
EKC202B	✓	08488532	08488522	P	✓	✓	✓	3	8 (6) A, 5 FLA, 30 LRA	8 (6) A, 5 FLA, 30 LRA	6 (3) A, 3 FLA, 18 LRA				
EKC202C	✓	08488533	08488523	P	✓	✓	✓	4	8 (6) A, 5 FLA, 30 LRA	8 (6) A, 5 FLA, 30 LRA	6 (3) A, 3 FLA, 18 LRA	4 (1) A			
EKC202C-MS	✓	x	08488543	P	✓	✓	✓	4	10 (6) A, 5 FLA, 30 LRA	8 (6) A, 10 A Resistive 5FLA, 30LRA	6 (3) A, 6 A Resistive 3FLA, 18LRA, 131 VA Pilot duty	4 (1) A, 4 A Resistive, 131 VA Pilot duty			
EKC202D	✓	08488537	08488536	P	✓	✓	✓	4	8 (6) A, 5 FLA, 30 LRA	8 (6) A, 5 FLA, 30 LRA	6 (3) A, 3 FLA, 18 LRA	4 (1) A Min. 100mA			
EKC302D	✓	x	08484164	DIN	✓	✓	✓	4	16 (8) A, 10 FLA, 60 LRA	10 (6) A, 5 FLA, 30 LRA	10 (6) A, 5 FLA, 30 LRA	4 (1) A Min. 100mA			
AK-CC210	✓	08488534	08488520	P	✓	✓	✓	4	8 (6) A, 10 A Resistive, 5FLA, 30LRA	8 (6) A, 10 A Resistive, 5FLA, 30LRA	6 (3) A, 6 A Resistive 3FLA, 18LRA 131 VA Pilot duty	4 (1) A Min. 100mA, 4 A Resistive, 131 VA Pilot duty			
AK-CC250A	✓	x	08488528	P	✓	✓	✓	4	8 (6) A, 10 A Resistive 5FLA, 30LRA	8 (6) A, 10 A Resistive, 5FLA, 30LRA	6 (3) A, 6 A Resistive 3FLA, 18LRA 131 VA Pilot duty	4 (1) A Min. 100mA, 4 A Resistive, 131 VA Pilot duty			
AK-CC350	✓	x	08484165	DIN	✓	✓	✓	4	10 (6) A, 5FLA, 30 LRA ²⁾	6 (3) A, 3 FLA, 18 LRA ²⁾	6 (3) A, 3 FLA, 18 LRA ²⁾	4 (1) A Min. 100mA			
AK-CC55 Water loop	✓	08484058	08484058	DIN	✓	✓	✓	5	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA		
AK-CC55 Compact coil	✓	08484081	08484081	DIN	✓	✓	✓	3	Max 0.5 A, Max. 1 x 20W AKV for 115V AC, 2 x 20W AKV for 230V AC	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA			
AK-CC55 Single coil	✓ ¹⁾	08484082	08484082	DIN	✓	✓	✓	5	Max 0.5 A, Max. 1 x 20W AKV for 115V AC, 2 x 20W AKV for 230V AC	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	
AK-CC55 Single Coil (UI)	✓ ¹⁾	08484083	08484083	DIN	✓	✓	✓	5	Max 0.5 A, Max. 1 x 20W AKV for 115V AC, 2 x 20W AKV for 230V AC	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	
AK-CC55 Single Coil (UI) - Locked SW	✓	08484057	08484057	DIN	✓	✓	✓	5	Max 0.5 A, Max. 1 x 20W AKV for 115V AC, 2 x 20W AKV for 230V AC	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	
AK-CC55 Multi Coil	✓	08484084	08484084	DIN	✓	✓	✓	4	Max 0.5 A, Max. 1 x 20W AKV for 115V AC, 2 x 20W AKV for 230V AC	8 res. 3FLA 18LRA, Load min.: 1VA	Max 0.5 A (No overload protection), Max. 1 x 20W AKV for 115 V AC, 2 x 20W AKV for 230V AC	8 res. 3FLA 18LRA, Load min.: 1VA	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	8 res. 3FLA 18LRA, Load min.: 1VA, Inrush TV-5 80A	Max 0.5 A (No overload protection), Max. 1 x 20W AKV for 115 V AC, 2 x 20W AKV for 230V AC

¹⁾ With EKETP you can use a stepper valve ²⁾ With external relay (C70=0N) (zero-crossing control disabled)

For more detailed information, please see the respective User Guide.

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