

Eckelmann

Comparison of UA 400 Family vs. UA 300 Family

UA 400 - 1. Generation
from Oct. 2011
Fully downward compatible
replacement controller for UA 300

Two-rowed CAN bus terminal

In full configuration (UA 410 E / D / L) 2 analog outputs 0..10 V

4th digital input

230 V 11 VA

Colored labeling strips with detailed terminal information simplify the installation

CI320 interface moved

USB interface for e.g. firmware update

In full configuration (UA 410) 2 analog inputs 4..20 mA

Non-polar connector coding

Time saving spring terminals

Compact dimensions L x W x H:
257 x 128 x 42 mm
appr. 24% lesser volume than UA 300

8-times DIP switch for future use
(the use of the first 5 is the same as for the UA 300)

No EPROM

UA 400
UA 410 D
UA 400 E / UA 410 E
UA 410 L

UA 400 E with SSR Relay

UA 300 - The classic

230 V 10 VA

EPROM

5-times DIP switch

Dimensions L x W x H:
267 x 128 x 50 mm

CI320 interface

UA 300
UA 300 D
UA 300 E
UA 300 L

UA 300 E with SSR Relay

- New
- Modified
- No applicable

Comparison of UA 400 Family vs. UA 300 Family

	UA 400			UA 300						
	UA 400 CC	UA 400 AC	UA 410 AC	UA 300 AC	UA 300 CC	UA 300 CB	UA 300 CS	UA 300 TB	UA 300 TC	UA 300 TS
For thermostatic expansion valves (TEV)										
For panel mounting							•			•
For DIN rail mounting	•	•	•	•	•	•		•	•	
With integral operator interface BT 300 U						•		•		
For integration in the CAN bus of the LDS system	•	•	•	•	•	•	•			
Suitable for stand alone operation, with integrated real-time clock (lithium cell power reserve) and integrated archive memory for data recording		•	•	•				•	•	•
Replacement controller for the LDS1 system (connection to the LDS1 system proceeds via the CI320 interface)		•	•	•				•	•	•
2 analog inputs 4..20 mA / 2 analog outputs 0..10 V										

	UA 410 D			UA 300 D		
			UA 410 D AC	UA 300 D AC	UA 300 D AS	UA 300 D CC
For thermostatic expansion valves (TEV)						
For panel mounting					•	
For DIN rail mounting			•	•		•
For integration in the CAN bus of the LDS system			•	•	•	•
Suitable for stand alone operation, with integrated real-time clock (lithium cell power reserve) and integrated archive memory for data recording			•	•		
2 analog inputs 4..20 mA / 2 analog outputs 0..10 V			•			

	UA 400 E			UA 300 E	
	UA 400 ECC		UA 410 E AC	UA 300 E AC	
For electronic expansion valves (EEV)					
For DIN rail mounting	•		•	•	
For integration in the CAN bus of the LDS system	•		•	•	
Suitable for stand alone operation, with integrated real-time clock (lithium cell power reserve) and integrated archive memory for data recording			•		
2 analog inputs 4..20 mA / 2 analog outputs 0..10 V			•		

	UA 400 E			UA 300 L	
			UA 410 L AC	UA 300 L AC	UA 300 L CC
For thermostatic expansion valves (TEV)					
For DIN rail mounting			•	•	•
For integration in the CAN bus of the LDS system			•	•	•
Suitable for stand alone operation, with integrated real-time clock (lithium cell power reserve) and integrated archive memory for data recording			•	•	
2 analog inputs 4..20 mA / 2 analog outputs 0..10 V			•		