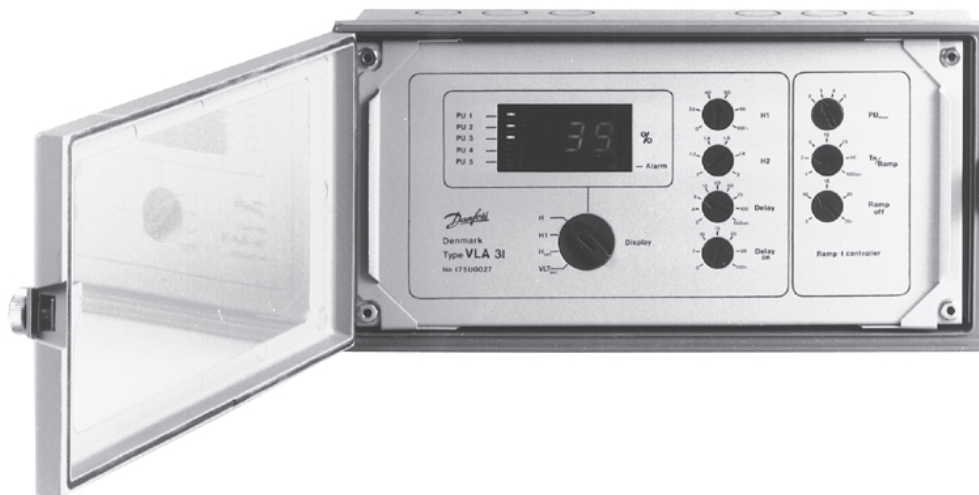


Relay unit for pump controller VLA 31



This relay module for VLA 31 is available in IP20. The connecting drawing on page 2 must be followed. The DC voltage supply for VLA 31 has been changed from 15 V to 24 V, and 6 light emitting diodes have been mounted on the frontplate of the relay module:

- The LED "POWER" lights up, if the supply voltage is OK and the fuse protecting the DC voltage supply is intact.
- The LEDs 1-5 light up, when the relays of the corresponding numbers are energized.

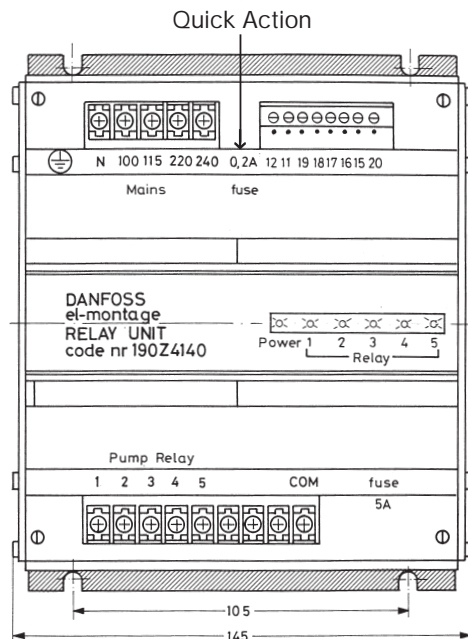
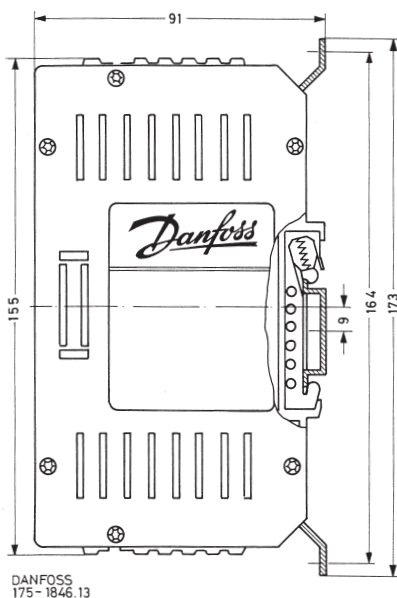
New code numbers

Relay module	190Z4140
Wall mounting brackets	175U0599
Fuse for voltage supply (0.2 A)	984B3002
Fuse for relay protection (5 A)	984B3069

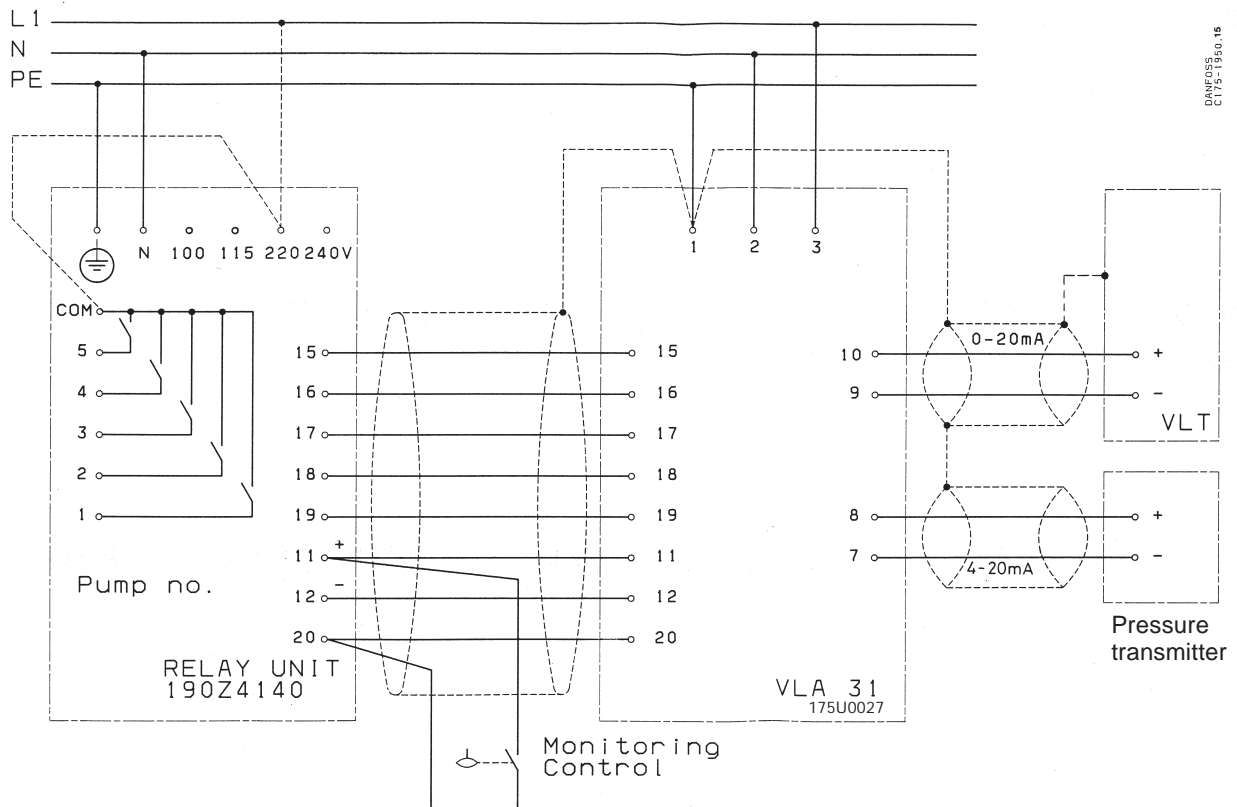
Technical data

Supply voltage	100, 115, 220, 240 V, 50/60 Hz	
Voltage supply for VLA 31	24 V $\overline{\text{---}}$	
Number of relay contacts	5	
Max. contact load	250 V \sim , 2 A	
Ambient temperature	operation: -20°C to +40°C Storage: -40°C to +70°C	
RFI suppression	EN55014	
Enclosure	IP10 (VBG 4)	
Test voltage	Between supply and DC output	3.6 kV \sim for 1 min
	Across relay contacts	2.5 kV \sim for 1 min
	Between terminals and chassis	2.5 kV \sim for 1 min
Weight	1.1 kg	

Dimensions



Electrical connection



Indication of blow of fuses

- If the built-in 0.2 A fuse (quick action) protecting the DC voltage supply blows, the LED "POWER" does not light up though the supply voltage is OK.
- If the built-in 5 A fuse protecting the relay contacts blows, all the relay contacts are disconnected.



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