Specifications_____

Sensor injust types	Part number			E5C4-□□□K	E5C4-□□□J	E5C4-□□□P-DIN	
Operating voltage 90 to 110% of rated supply voltage Power consumption	Sensor input types			Thermocouple type K	Thermocouple type J	Platinum RTD	
Power consumption Approx 2 VA	Supply voltage			100/120 VAC, 50/60 Hz or 220/240 VAC 30/60 Hz			
Number	Operating voltage			90 to 110% of rated supply voltage			
Vivillage Viv	Power consumption			Approx. 2 VA			
Voltage 5 VDC, 10 mA with short-circuit protection	Control Number			One output, built in			
Hysteres s 0.2% of full scale (fixed) 100,000 electrical opegations minimum for relay output 10 million mechanical operations minimum for relay output 10 million mechanical object 10 million mechanical ob	output	Туре	Relay	SPDT, 3 A, 250 VAC (resistive load), swijching capacity of 330 VA			
Service life		Voltage		5 VDC, 10 mA with short-circuit protection			
Alarm output		Hysteresis		0.2% of full scale (fixed)			
Indication accuracy 22% maximum of full scale		Service life					
Setting acuracy Control modes Type	Alarm output			Not available			
Type	Indication accuracy			±2% maximum of full scale			
Proportion	Setting accuracy			Set value coincides with the indicated value, since no relative error exists between both values			
Reset	Control	Туре					
Control period Contact Approx. 20 seconds, where ratio of ON to OFF is 1:1	modes	Proportional band 3% of full scale (fixed) Трябва да се уточни предварит				а да се уточни предварително	
Period Voltage Approx. 2 seconds, where ratio of ON to OFF is 1:1		Reset		3% minimum of full scale (variable); front panel potentiomenter adjustment			
Memory protection Not available Indicators Temperature Indication (3-digit red LED), Operation Indicator (red LED) Materials Plastic case Mounting Fits 1/16 DIN panel cutouts; includes panel mounting adapter Y92F-30 Connections Terminals for standard 8-pin round connectors Weight Approx. 200 g (7 oz.) including panel mounting adapter Enclosure ratings Front panel IEC IP40, NEMA 4 with optional cover Y92A-48N Housing ref IEC IP20 Terminals IEC IP20 Terminals IEC IP20 Terminals Approvals UL Recognized, File No. LR59623, approved control output rating 1.5 A, 250 VAC CSA Certified, File No. LR59623, approved control output rating 1.5 A, 250 VAC Other SEV, File No. D4.11/634 Ambient Use -10° to 55°C (14° to 131°F) temperature Storage -25° to 65°C (-13° to 149°F) Humidity 35 to 85% RH Insulation resistance 20 MΩ minimum at 500 VDC Dielectric strength 2,000 VAC, 50/60 Hz for 1 minute Vibration Mechanical durability: 10 to 55 Hz, 2 G, in X, Y, and Z directions for 10 minutes each Shock Mechanical durability: 300 m/s² in 6 directions, 3 times each		Control	Contact	Approx. 20 seconds, where r	atio of ON to OFF is 1:1		
Indicators Temperature Indication (3-digit red LED), Operation Indicator (red LED) Materials Plastic case Mounting Fits 1/16 DIN panel cutouts; includes panel mounting adapter Y92F-30 Connections Terminals for standard 8-pin round connectors Weight Approx. 200 g (7 oz.) including panel mounting adapter Front panel IEC IP40, NEMA 4 with optional cover Y92A-48N Housing IEC IP20 Terminals IEC IP00 Approvals UL Recognized, File No. E68481, approved control output rating 1.5 A, 250 VAC CSA Certified, File No. LR59623, approved control output rating 1.5 A, 250 VAC Other SEV, File No. D4.11/634 Ambient Use -10° to 55°C (14° to 131°F) temperature Storage -25° to 65°C (-13° to 149°F) Humidity 35 to 85° RH Insulation resistance 20 MΩ minimum at 500 VDC Dielectric strength 2,000 VAC, 50/60 Hz for 1 minute Vibration Mechanical durability: 10 to 55 Hz, 2 G, in X, Y, and Z directions for 2 hours each Malfunction durability: 2 to 55 Hz, 2 G, in X, Y, and Z directions for 10 minutes each Shock Mechanical durability: 300 m/s² in 6 directions, 3 times each		period	Voltage	Approx. 2 seconds, where ratio of ON to OFF is 1:1			
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Mounting Fits 1/16 DIN panel cutouts; includes panel mounting adapter Y92F-30	Indicators			Temperature Indication (3-digit red LED), Operation Indicator (red LED)			
Connections Terminals for standard 8-pin round connectors Weight Approx. 200 g (7 oz.) including panel mounting adapter Enclosure ratings Front panel IEC IP40, NEMA 4 with optional cover Y92A-48N	Materials			a constitution partition			
Meight Approx. 200 g (7 oz.) including panel mounting adapter	Mounting			Fits 1/16 DIN panel cutouts; includes panel mounting adapter Y92F-30			
Enclosure ratings Front panel IEC IP40, NEMA 4 with optional cover Y92A-48N Housing IEC IP20 Terminals IEC IP00	Connections			Terminals for standard 8-pin round connectors			
ratings Housing TeC IP20 Terminals Approvals UL Recognized, File No. E68481, approved control output rating 1.5 A, 250 VAC CSA Certified, File No. LR59623, approved control output rating 1.5 A, 250 VAC Other SEV, File No. D4.11/634 Ambient Use -10° to 55°C (14° to 131°F) temperature Storage -25° to 65°C (-13° to 149°F) Humidity 35 to 85% RH Insulation resistance 20 MΩ minimum at 500 VDC Dielectric strength 2,000 VAC, 50/60 Hz for 1 minute Vibration Mechanical durability: 10 to 55 Hz 0.75 mm (0.03 in) in X, Y, and Z directions for 2 hours each Malfunction durability: 2 to 55 Hz, 2 G, in X, Y, and Z directions for 10 minutes each Shock Mechanical durability: 300 m/s² in 6 directions, 3 times each	Weight			Approx. 200 g (7 oz.) including panel mounting adapter			
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Malfunction durability: 2 to 55 Hz, 2 G, in X, Y, and Z directions for 10 minutes each Shock Mechanical durability: 300 m/s² in 6 directions, 3 times each	The same and						
Shock Mechanical durability: 300 m/s² in 6 directions, 3 times each							
	Shock						
				Malfunction durability: 200 m/s² in 6 directions, 3 times each			

Dimensions _

Unit: mm (inch)

■ TEMPERATURE CONTROLLER





