

# Temperature controller successors & alternatives

Temperature controller	→ Successor/ Alternative	Temperatur Adjustment	Temperatur Output	Display	Diagnostics	Terminals Alarm	Terminals Booster	Approval	Diagnosis Tool	Voltage range	Features
RES-401	→ RES-5007	0...10 VDC / Resistive Input (0...2 kOhm)	0...10 VDC	no	yes	yes	no	cULus LISTED	ROPEX visual	110...480 VAC	Preferably in combination with PLC
	yes						Temp-OK output Output level operation				
	→ RES-5008	Display		7 Seg. LED			-	Separate control panel with LED display Preheat			
RES-402	→ RES-5007	0...10 VDC / Resistive Input (0...2 kOhm)	0...10 VDC	no	yes	yes	no	cULus LISTED	ROPEX visual	110...480 VAC	Preferably in combination with PLC
	→ RES-5027						yes				Temp-OK output Output level operation
RES-403*	→ RES-5007	0...10 VDC / Resistive Input (0...2 kOhm)	0...10 VDC	no	yes	yes	no	cULus LISTED	ROPEX visual	110...480 VAC	Preferably in combination with PLC
	→ RES-5027						yes				Temp-OK output Output level operation
	→ RES-5008	Display		7 Seg. LED			-	Separate control panel with LED display Preheat			

\* for RES-403 with MOD26, MOD40, MOD46, the RES-5027 is required as a successor/alternative



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RES-406	→	RES-5006	PROFIBUS	0...10 VDC	no	yes	yes	yes	-	ROPEX visual	110...415 VAC	8 channels for different calibration values
RES-407*	→	RES-5007	0...10 VDC / Resistive Input (0...2 kOhm)	0...10 VDC	no	yes	yes	no	cULus LISTED	ROPEX visual	110...480 VAC	Preferably in combination with PLC
	→	RES-5027						yes				Temp-OK output Output level operation
RES-408	→	RES-5008	Display	0...10 VDC	7 Seg. LED	yes	yes	yes	-	ROPEX visual	110...480 VAC	Separate control panel with LED display Preheating
RES-409	→	RES-5009	CAN / CANopen	0...10 VDC	no	yes	yes	yes	cULus LISTED	ROPEX visual	110...480 VAC	8 channels for different calibration values Preheat
RES-415	→	RES-5200	Display	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	Individual applications
	→	RES-5400	Time control Preheat PLC interface									
	→	RES-5450	Time control Preheat PLC interface Force and temperature measurement with diagnostics									

\*for RES-407 with MOD 26, the RES-5027 is required as an alternative/successor



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RES-420	→ RES-5200	Display	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	Individual applications
	→ RES-5400	Display / 0...10 VDC									Time control Preheat PLC interface
	→ RES-5450										Time control Preheat PLC interface Force and temperature measurement with diagnostics
RES-430	→ RES-5450	Display / 0...10 VDC	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	Time control Preheat PLC interface Force and temperature measurement with diagnostics
RES-440	→ RES-5400	Display / 0...10 VDC	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	Time control Preheat PLC interface
	→ RES-5450										Time control Preheat PLC interface Force and temperature measurement with diagnostics



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RES-445	→	RES-5400	Display / 0...10 VDC	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	Time control Preheat PLC interface
	→	RES-5450										Time control Preheat PLC interface Force and temperature measurement with diagnostics
UPT-640	→	UPT-6400	Display / 0...10 VDC	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	Time control Cooling system monitoring PLC interface
	→	UPT-6450										Time control Cooling system monitoring PLC interface Force and temperature measurement with diagnostics

