

Temperature Controller Successor & Alternatives

Temperature controller	→ Successor/ Alternative	Temperatur Adjustment	Temperatur Output	Display	Diagnostics	Terminals Alarm	Terminals Booster	Approval	Diagnosis Tool	Voltage range	Temp.coefficient (ppm/K)	Temp. range °C	Features
RES-401	→ RES-5002	0...10 VDC / Resistive Input (0...2 kOhm)	0...10 VDC	no	yes	yes	no	-	ROPEX visual	110...480 VAC	1100	300	Preferably in combination with PLC
RES-402													
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	780 / 1100 / 3500 / variabel	300 / 500	Preferably in combination with PLC
	→ RES-5027						yes				yes		yes
	→ RES-5008	Terminal T-408		7 Seg. LED			-	780 / 1100 / 3500 / variabel			300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	Preferably in combination with PLC
	→	RES-5027						yes						780 / 1100 / 3500 / variabel
RES-408	→	RES-5008	Terminal T-408	0...10 VDC	7 Seg. LED	yes	yes	yes	-	ROPEX visual	110...480 VAC	780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	Individual applications
	→	RES-5400	Display / 0...10 VDC									780 / 1100 / 3500 / variabel	300 / 500	Time control Preheat PLC interface
	→	RES-5450										780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	Individual applications
	→ RES-5400	Display / 0...10 VDC									780 / 1100 / 3500 / variabel	300 / 500	Time control Preheat PLC interface
	→ RES-5450										780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	Time control Preheat PLC interface
	→ RES-5450										780 / 1100 / 3500 / variabel	300 / 500	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	780 / 1100 / 3500 / variabel	300 / 500	Time control Preheat PLC interface
	→ RES-5450												780 / 1100 / 3500 / variabel
UPT-640	→ UPT-6400	Display / 0...10 VDC	Display / 0...10 VDC	TFT	yes	yes	yes	cCSAus	ROPEX visual	110...480 VAC	780 / 1100 / 3500 / variabel	300 / 500	Time control Cooling system monitoring PLC interface
	→ UPT-6450												780 / 1100 / 3500 / variabel