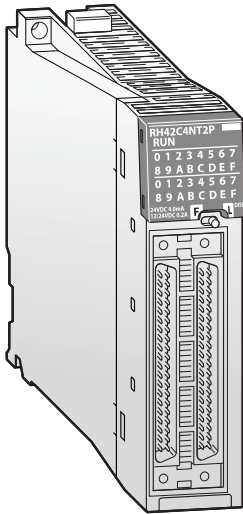


■ Combined I/O module



**Combined I/O module**

In addition to dedicated digital input and output modules, if only a few I/O points are required, a combined I/O module is available. This is an excellent alternative for cost-sensitive applications.

**Special features:**

- Input response time adjustable
- Connection of input and output signals via two 40-pin connectors
- Switch for alternating between indication of input or output status
- Output overload protection
- Overheat protection
- Input interrupt function

Specifications		RH42C4NT2P	
<b>DC input</b>			
Input points			32
Rated input voltage	V DC		24
Rated input current	mA		4 (at 24 V DC)
ON	Voltage	V	≥19
	Current	mA	≥3
OFF	Voltage	V	≤6
	Current	mA	≤1
Input resistance ?		kΩ	5.3
Response time	OFF → ON	ms	0.1–70 ms (user adjustable)
	ON → OFF	ms	0.2–70 ms (user adjustable)
<b>Transistor (sink) output</b>			
Output points			32
Rated output voltage	V DC		12–24 V DC
Max. output current	A		0.2/point, Pilot Duty, 2/common
Maximum inrush current			Current is limited by the overload protection
Response time	OFF → ON	ms	≤5
	ON → OFF	ms	≤1
Fuse			—
External power supply	Voltage		12–24 V DC
	Current	mA	16 (at 24 V DC)
Protection functions			Overload protection, overheat protection
<b>Common</b>			
Common terminal arrangement	points		32
Noise suppression	MΩ		10
Connection terminal			40-pin connector
Internal power consumption (5 V DC)	mA		220
Weight	kg		0.13
Dimensions (WxHxD)	mm		27.8x106x110
<b>Order information</b>	Art. no.		279554
<b>Accessories</b>	40-pin connector and ready to use connection cables; spring clamp terminal block for exchange against the standard screw terminal block > refer to chapter 5		