

Remote input / output module communicating on RS-485

Features :

- Field-Bus remote data acquisition;
- RS-485 Master/Slave communication type;
- MODBUS RTU/ASCII protocol;
- Digital inputs ON state / OFF programmable;
- Voltage or current configurable outputs;
- Watch-Dog alarm, remotely configurable;
- 2000 Vac 3-way galvanic isolation;
- High accuracy, EMC compliance – CE mark;
- DIN rail suitable mounting - EN-50022 compliance;



Available models:

Model	Input	Output
DAT 3022	-	2 analog outputs 0 ÷ 10V or 0 ÷ 20mA
DAT 3024	-	4 analog outputs 0 ÷ 10V or 0 ÷ 20mA
DAT 3028	-	8 analog outputs 0 ÷ 10V
DAT 3130	4 digital inputs 0 ÷ 3V OFF state, 10 ÷ 30V ON state	4 relay outputs 2A/250Vac or 3A/30Vdc
DAT 3140	4 digital inputs 0 ÷ 3V OFF state, 10 ÷ 30V ON state	8 digital output NPN or PNP
DAT 3148 / 8	8 digital inputs 0 ÷ 3V OFF state, 10 ÷ 30V ON state	-
DAT 3148 / 12	12 digital inputs 0 ÷ 3V OFF state, 10 ÷ 30V ON state	-
DAT 3188 / 4	4 digital inputs 0 ÷ 3V OFF state, 10 ÷ 30V ON state	8 digital output PNP
DAT 3188 / 8	8 digital inputs 0 ÷ 3V OFF state, 10 ÷ 30V ON state	8 digital output PNP

Technical specification:

Distance / baud rate	Max. 1.2km / 115.2Kbps
Power supply	18 ÷ 30Vdc
Current consumption	30 ÷ 45mA @ 24Vdc
Polarity inversion protection	Max. 60Vdc
Isolation	2000Vac, 50Hz, 1min
EMC	Immunity : EN 61000-6-2 Emission : EN 61000-6-4
Operating temperature	-10 ÷ 60°C
Storage temperature	-40 ÷ 85°C
Humidity (not condensing)	0 ÷ 90%
Connection	Removable terminals
Case	Self-extinguishing plastic
Mounting	DIN rail
Weight	~ 150g

State LED	Function
ON	Device powered
OFF	No power / wrong cabling
Fast blink	Communication in progres
1 second blink	Watch-Dog Alarm condition

Dimensions mm :

