

no longer available - archive entry Alternative article: AC1027

When selecting an alternative article and accessories please note that technical data may differ!

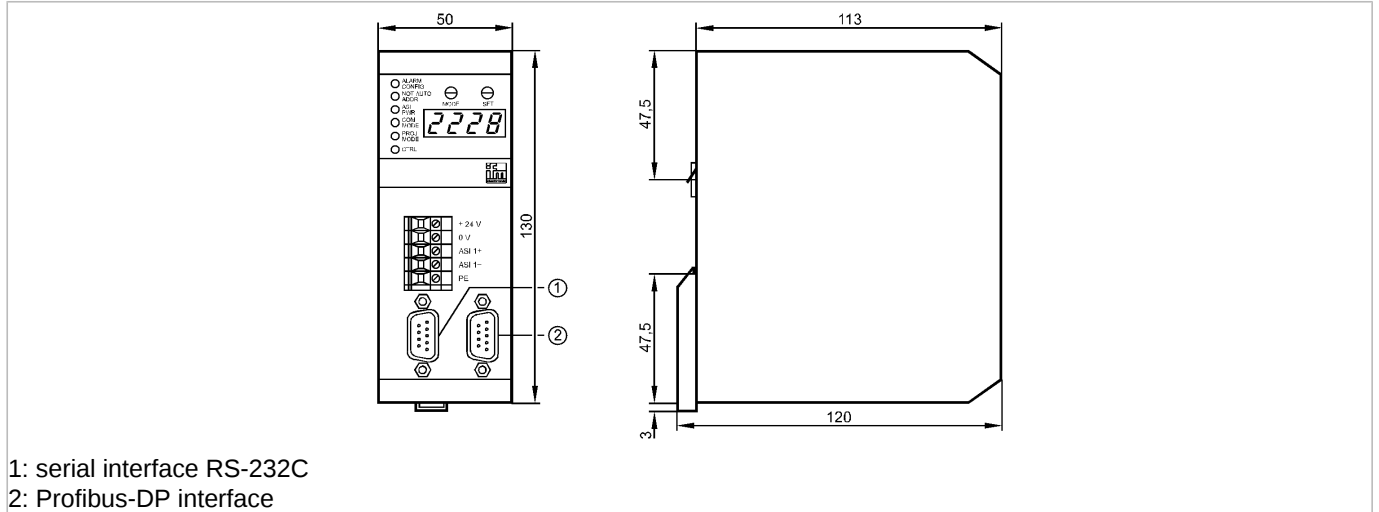
ecomat300

AC1005



Contr 1MSTR 1RS232C 1DP

AS-Interface bus system



Product characteristics

AS-i controller

Housing for DIN rail mounting

Standard interface Profibus-DP

Full master functions

Programming via interface RS-232C

Application

Application

Use as minicontroller and gateway

Electrical data

Electrical design

AS-i controller with 1 master

Operating voltage [V]

22...30 DC (24 DC *))

Total current consumption from AS-i [mA]

< 80 **)

Power consumption [VA]

< 10

Insulation rating [V]

500

Electrical separation

yes

Outputs

Integrated watchdog

yes

Interfaces

Programming interface

RS-232 C; SUB-D9 plug; 4800...62400 Baud

Data interface

Profibus-DP (to DIN 19245 Part 3);

SUB-D9 socket; 9600...12 M Baud

PNO ident. 0 x 00AB

Environment

Ambient temperature [°C]

0...60

Storage temperature [°C]

-20...70

Max. relative air humidity [%]

< 95

Protection

IP 20

AS-i classification

AS-i profile

M1

AS-i certificate

22501

Mechanical data

Housing materials

aluminum

Weight [kg]

0.01

Displays / operating elements

AC1005 - AS-i controller - eclass: 27259090 / 27-25-90-90

Display	function check 2 x LED red 2 x LED green 2 x LED yellow										
Electrical connection											
Connection	5 screw terminals										
Wiring											
<table border="1"><tr><td>5</td><td>+ 24 V</td></tr><tr><td>4</td><td>0 V</td></tr><tr><td>3</td><td>AS-i 1+</td></tr><tr><td>2</td><td>AS-i 1-</td></tr><tr><td>1</td><td>PE</td></tr></table>	5	+ 24 V	4	0 V	3	AS-i 1+	2	AS-i 1-	1	PE	
5	+ 24 V										
4	0 V										
3	AS-i 1+										
2	AS-i 1-										
1	PE										
Remarks											
Remarks	*) to PELV **) typical 60										
Pack quantity	[piece] 1										

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — AC1005 — 06.03.2003

no longer available - archive entryAlternative article: AC1027

When selecting an alternative article and accessories please note that technical data may differ!