



**Interface de
communication
RS485-RS232/RS232-RS485
Modules DIN 43880**

**Interface
Communication
RS485-RS232/RS232-RS485
2 Module DIN 43880**

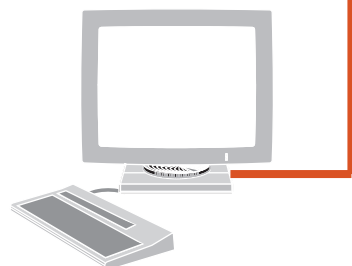
IF2E002 - IF2E102

Conversion RS485 - RS232
Conversion RS232 - RS485
Isolement entrée - sortie - alimentation


RS485 - RS232 conversion
RS232 - RS485 conversion
Input - output - supply insulation



RS485



RS232

REFERENCE ORDERING CODE	ALIM. AUX. AUX. SUPPLY	
9017 6300	80...270Vca/ac + 100...300cc/dc	communication RS485 - RS232
	24Vca/ac + 20...60Vcc/dc	RS232 - RS485 communication

COMMUNICATION

Conversion RS485-RS232 ou RS232-RS485

SIGNALISATION LED

RS232: led verte

RS485: led jaune

PWR: led verte, appareil alimenté

ALIMENTATION AUXILIAIRE

Valeur nominale: 80...270Vca + 100...300Vcc or 24Vca + 20...60Vcc

Fréquence: 47...63Hz

Autoconsommation: ≤ 4VA

ISOLEMENT

(EN61010-1)

Catégorie de l'installation: III

Degré de pollution: 2

Tension d'essai 2,5kV valeur efficace 50Hz/1min

Circuits considérés : alimentation auxiliaire - RS485 e RS232

Tension d'essai 1,5kV valeur efficace 50Hz/1min

Circuits considérés : RS485 vers RS232

Tension d'essai 4kV valeur efficace 50Hz/1min

Circuits considérés: tous les circuits et la masse

COMPATIBILITE ELECTROMAGNETIQUE

Test d'émission et d'immunité selon la norme EN61326

CONDITIONS D'UTILISATION

Température de référence: 23°C ± 2°C

Température de fonctionnement: -5...55°C

Température limite pour le stockage et le transport: -25...70°C

Adapté pour l'utilisation en climat tropical

Puissance max. dissipée¹: 3,5W

¹ Pour le dimensionnement thermique du coffret

BOITIER

Boîtier: 2 modules DIN43880

Raccordement: bornier à vis

Montage: rail 35mm

Type de profil: TH35-15 (EN60715)

Matériau du boîtier: polycarbonate autoextinguible

Poids: 110 grammes

COMMUNICATION

Conversion RS485-RS232 or RS232-RS485

SIGNALLING LEDS

RS232: green led

RS485: yellow led

PWR: green led, fed meter

AUXILIARY SUPPLY

Rated value: 80...270Vca + 100...300Vcc or 24Vca + 20...60Vcc

Frequency: 47...63Hz

Rated burden: ≤ 4VA

INSULATION

(EN61010-1)

Installation category: III

Pollution degree: 2

A.C. voltage test 2,5kV r.m.s. value 50Hz/1min

Considered circuits: aux. supply - RS485 and RS232

A.C. voltage test 1,5kV r.m.s. value 50Hz/1min

Considered circuits: RS485 towards RS232

A.C. voltage test 4kV r.m.s. value 50Hz/1min

Considered circuits: all circuits and earth

TESTS FOR ELECTROMAGNETIC COMPATIBILITY

Emission and immunity tests according to EN61326

ENVIRONMENTAL CONDITIONS

Reference temperature: 23°C ± 2°C

Specified operating range: -5...55°C

Limit range for storage and transport: -25...70°C

Suitable for tropical climates

Max. power dissipation¹: 3,5W

¹ For switchboard thermal calculation

HOUSING

Housing: 2 module DIN43880

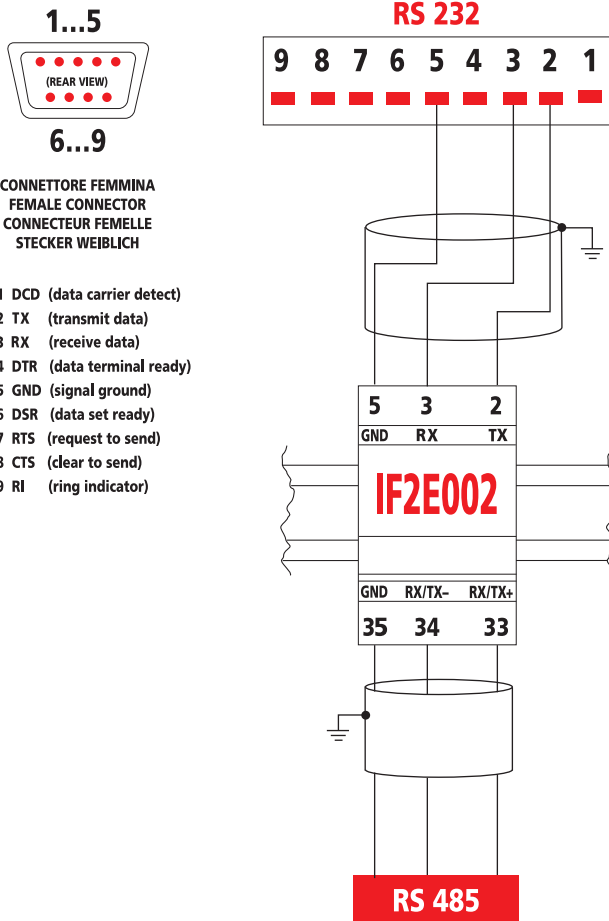
Connections: screw terminals

Mounting: snap-on 35mm rail

Rail type: top hat TH35-15 (EN60715)

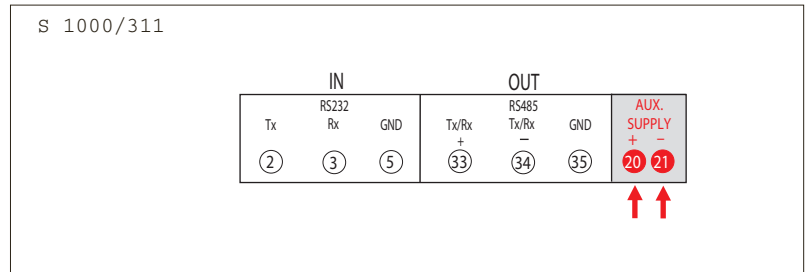
Housing material: self-extinguishing polycarbonate

Weight: 110 grams



- 1 DCD (data carrier detect)
- 2 TX (transmit data)
- 3 RX (receive data)
- 4 DTR (data terminal ready)
- 5 GND (signal ground)
- 6 DSR (data set ready)
- 7 RTS (request to send)
- 8 CTS (clear to send)
- 9 RI (ring indicator)

SCHEMA DE RACCORDEMENT WIRING DIAGRAM



DIMENSIONS DIMENSIONS

