

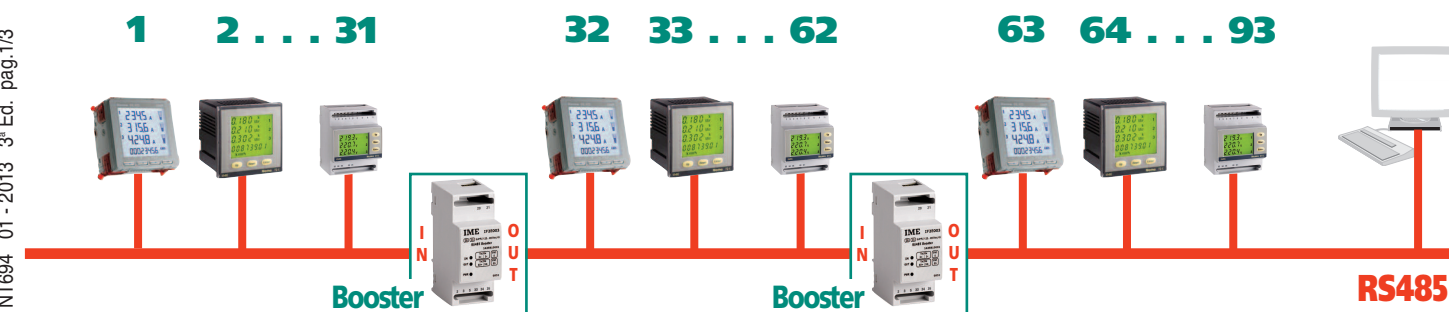
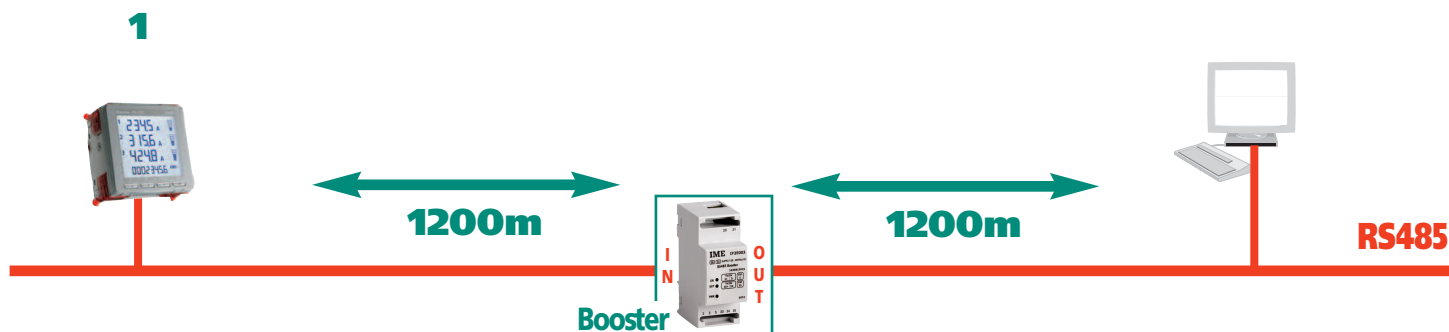
Interfaccia Ripetitore RS485 2 moduli

Ripetitore comunicazione RS485
Consente l'inserimento sulla linea RS485 di
un maggior numero di dispositivi
Permette di aumentare la distanza tra
strumento e PC supervisore
Isolamento RS485 - alimentazione ausiliaria

Interface RS485 Booster Interface 2 module

RS485 Booster interface
It allows to connect on the RS485 line of an
higher number of devices
It allows to increase the distance between the
meter and the monitoring PC
RS485 - auxiliary supply insulation

IF



CODICI DI ORDINAZIONE ORDERING CODE	AL. AUSILIARIA AUX. SUPPLY	
IF2E003	80...270Vca/ac + 100...300Vcc/dc	comunicazione RS485 - RS485 RS485 - RS485 communication
IF2E103	24Vca/ac + 20...60Vcc/dc	

COMUNICAZIONE RS485

Isolata galvanicamente da alimentazione ausiliaria

N° massimo apparecchi collegabili al ripetitore: 31

Collegando più ripetitori è possibile inserire fino a 255 dispositivi sulla rete RS485

Distanza massima dispositivo - ripetitore: 1200m

Distanza massima ripetitore - PC supervisore: 1200m

LED SEGNALE

PWR: led verde, dispositivo alimentato

LED indicazione linea RS485 attiva (entrata-uscita)

ALIMENTAZIONE AUSILIARIA

Valore nominale: 80...270Vca + 100...300Vcc oppure 24Vca + 20...60Vcc

Frequenza: 47...63Hz

Autoconsumo: ≤ 4VA

ISOLAMENTO

(EN61010-1)

Categoria di installazione: III

Grado di inquinamento: 2

Prova a tensione alternata 2,5kV valore efficace 50Hz/1min

Circuiti considerati: alimentazione ausiliaria - verso comunicazione RS485

Prova a tensione alternata 4kV valore efficace 50Hz/1min

Circuiti considerati: tutti i circuiti e massa

PROVE DI COMPATIBILITÀ Elettromagnetica

Prove di emissione e immunità in accordo con EN61326

CONDIZIONI AMBIENTALI

Temperatura di riferimento: 23°C ± 2°C

Campo di funzionamento specificato: -5...55°C

Campo limite per l'immagazzinamento e trasporto: -25...70°C

Adatto all'utilizzo in climi tropicali

Massima potenza dissipata ¹: 3,5W

¹ Per il dimensionamento termico dei quadri

CUSTODIA

Custodia: 2 moduli DIN43880

CONNESSIONI

Alimentazione aus.: morsetti per fissaggio a vite

RS485: morsetti per fissaggio a vite

Montaggio: a incastro su profilato 35mm

Tipo profilato: a cappello TH35-15 (EN60715)

Materiale custodia: policarbonato autoestinguente

Peso: 110 grammi

RS485 COMMUNICATION

Galvanically insulated from aux. supply

Meters that can be connected to booster: 31

By connecting more repeaters, it is possible to connect up to 255 meters on the RS485 line

Highest distance meter - booster: 1200m

Highest distance booster - supervisor: 1200m

SIGNALLING LEDS

PWR: green led, fed meter

Indication LED for active RS485 line (input-output)

AUXILIARY SUPPLY

Rated value: 80...270Vca + 100...300Vcc oppure 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 towards RS485 communication

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 dissipation ¹: 3,5W

¹ For switchboard thermal calculation

HOUSING

Housing: 2 module DIN43880

CONNECTIONS

Auxiliary supply.: screw terminals

RS485: screw terminals

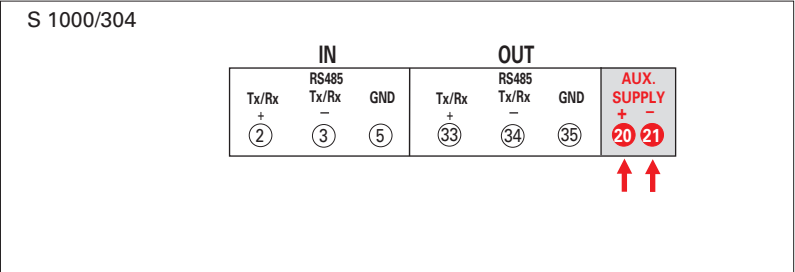
Mounting: snap-on 35mm rail

Rail type: top hat TH35-15 (EN60715)

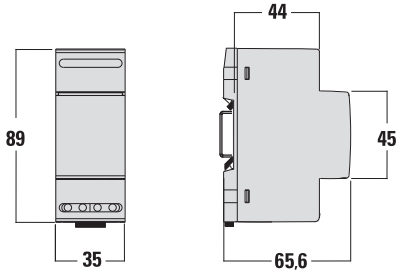
Housing material: self-extinguishing polycarbonate

Weight: 110 grams

SCHEMA D'INSERZIONE WIRING DIAGRAM



DIMENSIONI DIMENSIONS



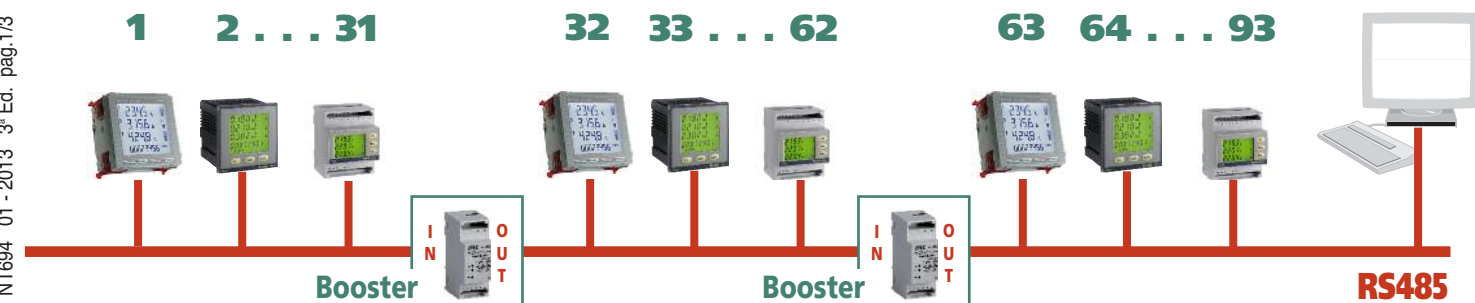
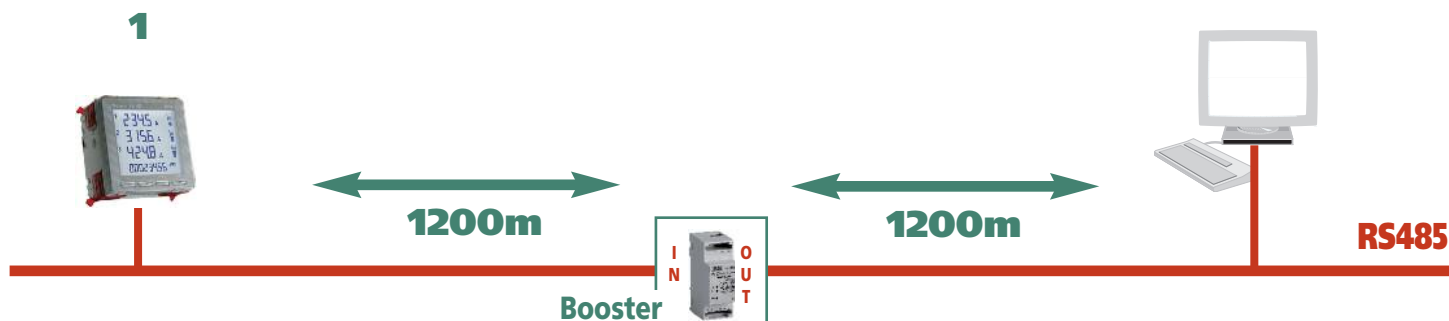
Interface Répétiteur Booster RS485 2 Modules DIN 43880

Répétiteur communication RS485
Permet d'augmenter le nombre d'appareils à
raccorder sur le réseau RS485
Permet d'augmenter la distance entre
l'appareil et le PC superviseur
Isolement RS485 - alimentation auxiliaire

Interface RS485 Booster Interface 2 Module DIN 43880

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RS485 - auxiliary supply insulation

IF2E003 - IF2E103



REFERENCE ORDERING CODE	ALIM. AUX. AUX. SUPPLY	
9017 6306	80...270Vca/ac + 100...300cc/dc	communication RS485 - RS485
☎	24Vca/ac + 20...60Vcc/dc	RS485 - RS485 communication

COMMUNICATION RS485

Isolée galvaniquement de l'alimentation auxiliaire

N° max. d'appareil pouvant être raccordés au booster: 31

En raccordant plus de répéteurs, il est possible de raccorder jusqu'à 255 appareil sur le réseau RS485

Distance max. entre l'appareil et le booster: 1200m

Distance max. entre le booster et le- PC superviseur: 1200m

LEDS DE SIGNALISATION

PWR: led verte, dispositif alimenté

Indication LED réseau RS485 actif (entrée-sortie)

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 - vers communication RS485

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

Circuits considérés: tous les circuits et la masse

ESSAI DE COMPATIBILITE ELECTROMAGNETIQUE

Essai 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 de stockage et 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

Alimentation auxiliaire.: bornier à vis

RS485: bornier à vis

Montage: rail 35mm

Type de profil: TH35-15 (EN60715)

Matériau du boîtier: polycarbonate autoextinguible

Poids: 110 grammes

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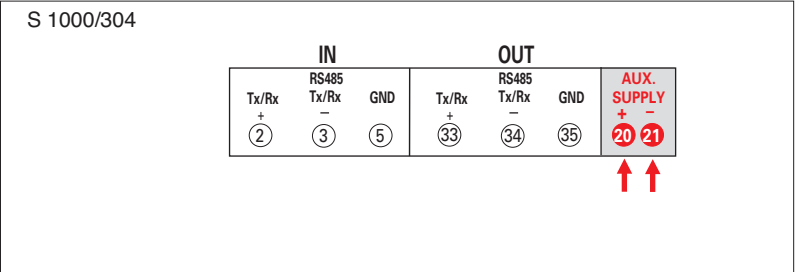
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DIMENSIONS DIMENSIONS

