

Range overview

Products may be used for

230V L+L, 230V L+N, 230V 3 ph & 400V 3 ph+N connection

Compteurs monophasés



Compteurs triphasés



Input / Output Connections

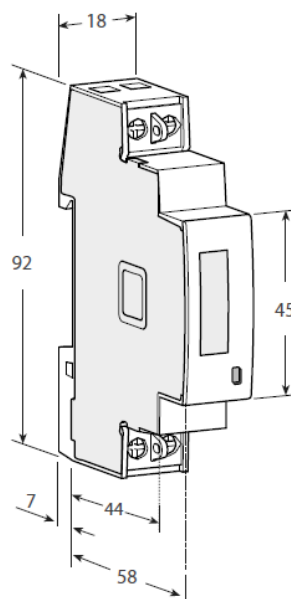
ECN140D without communication

Product view

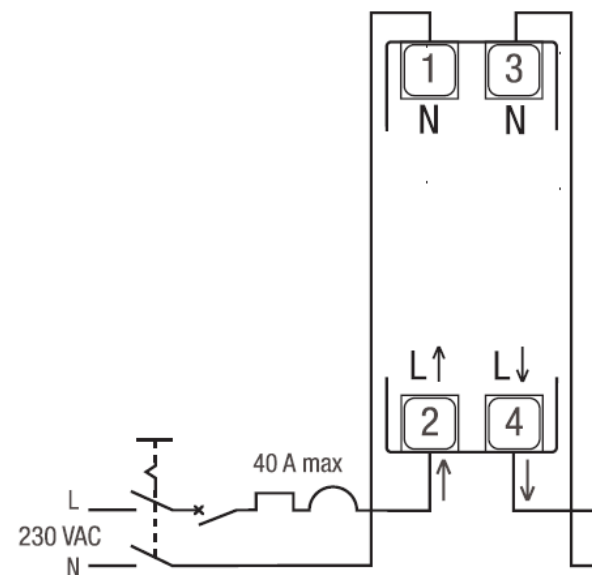


ECN140D

Dimensions



Wiring diagram



Input / Output Connections

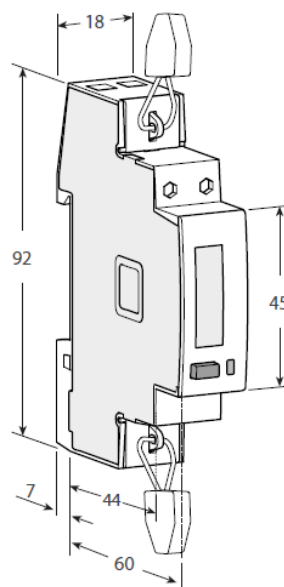
ECP140D SO pulse output

Product view

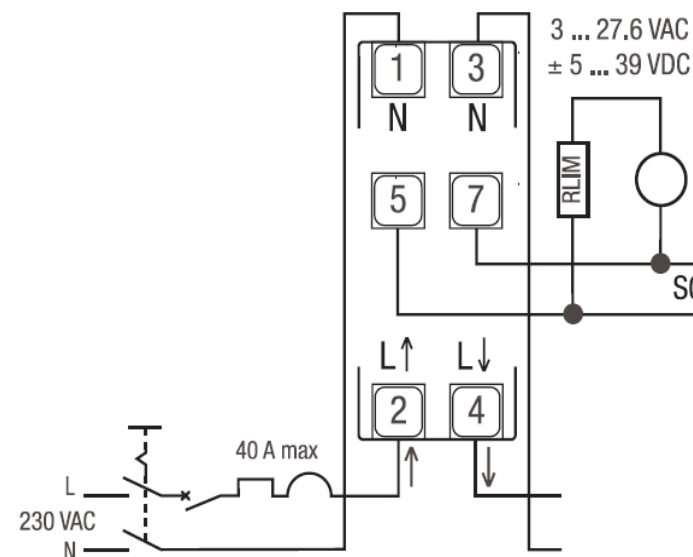


ECP140D

Dimensions



Wiring diagram



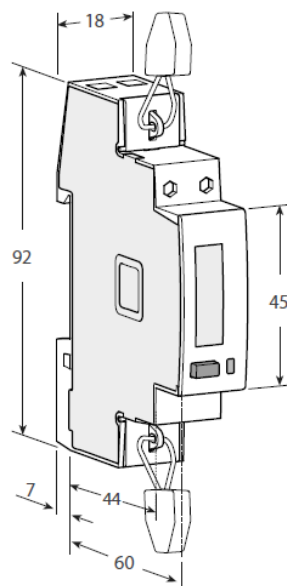
Input / Output Connections ECM140D Mbus

Product view

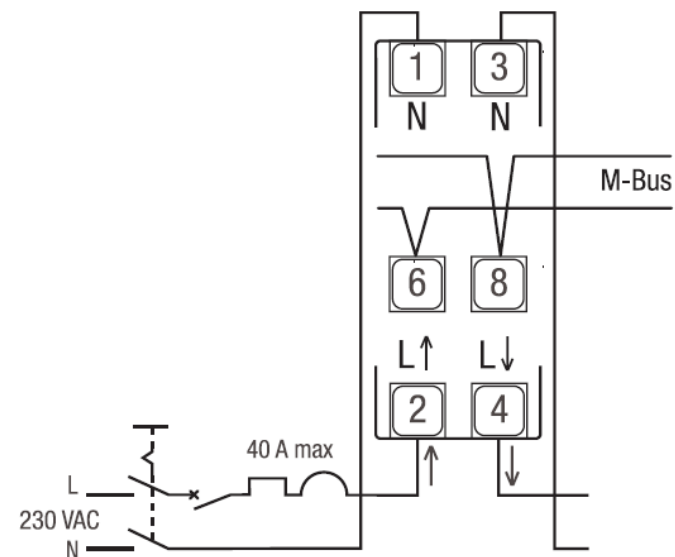


ECM140D

Dimensions



Wiring diagram



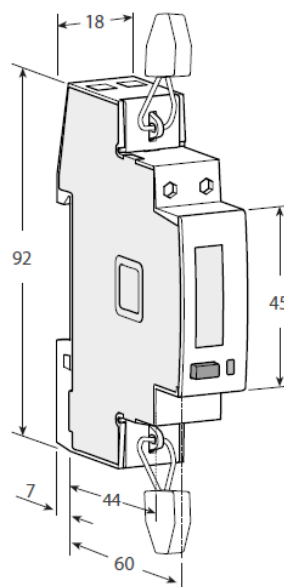
Input / Output Connections ECR140D Modbus

Product view

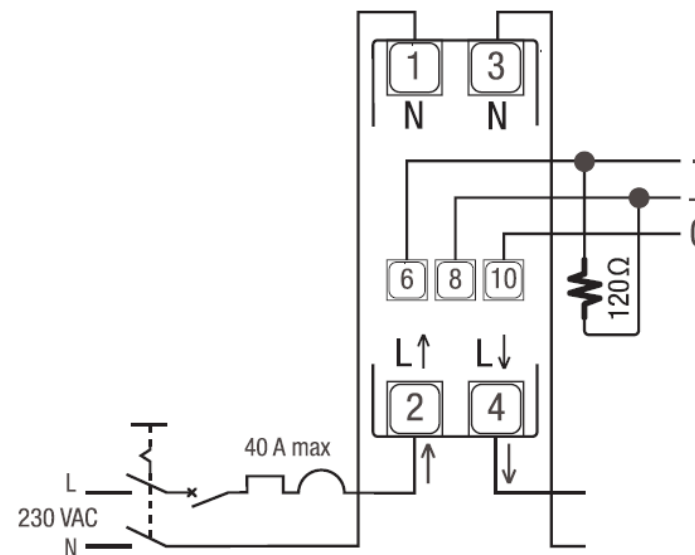


ECR140D

Dimensions



Wiring diagram



Input / Output Connections

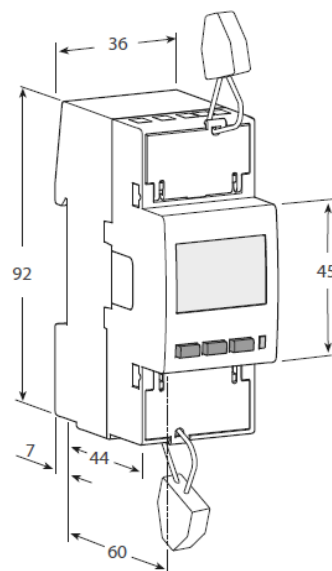
ECP180D SO pulse output

Product view

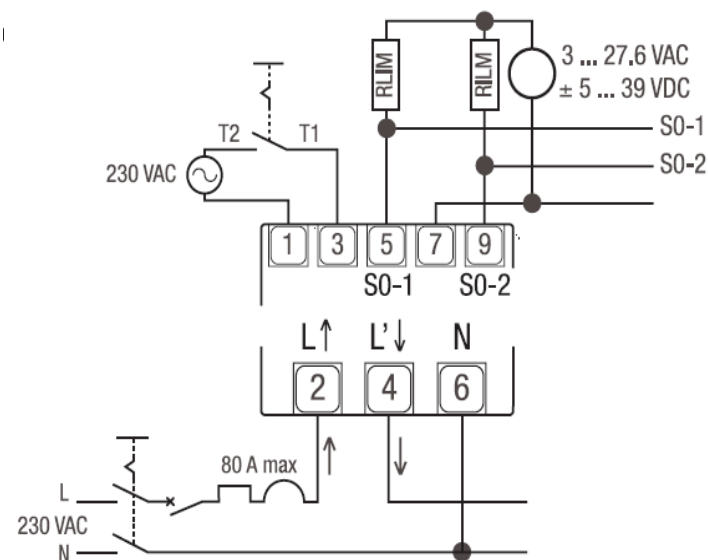


ECP180D

Dimensions



Wiring diagram



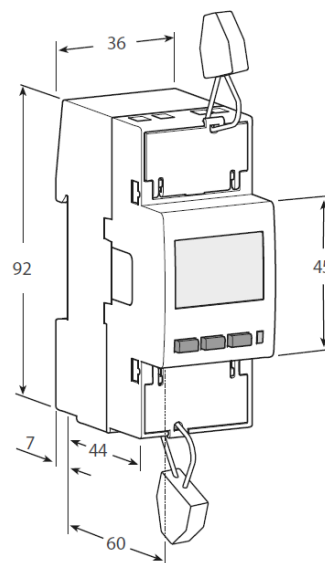
Input / Output Connections ECM180D Mbus

Product view

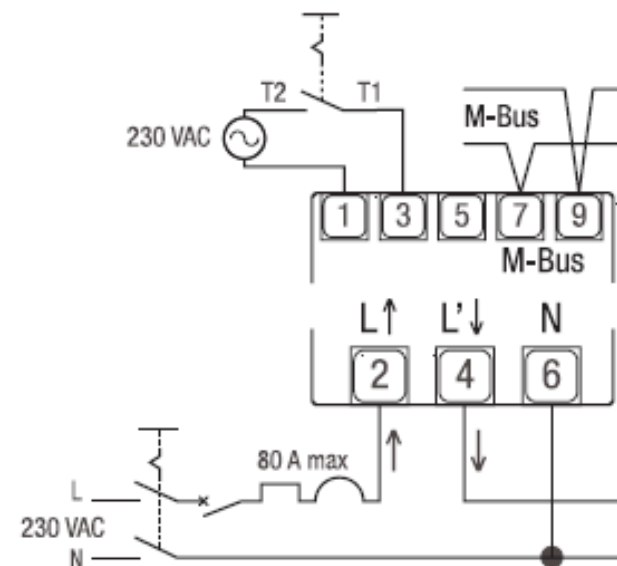


ECM180D

Dimensions



Wiring diagram



Input / Output Connections

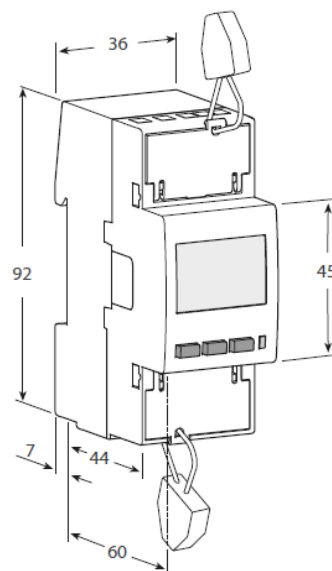
ECR180D Modbus

Product view

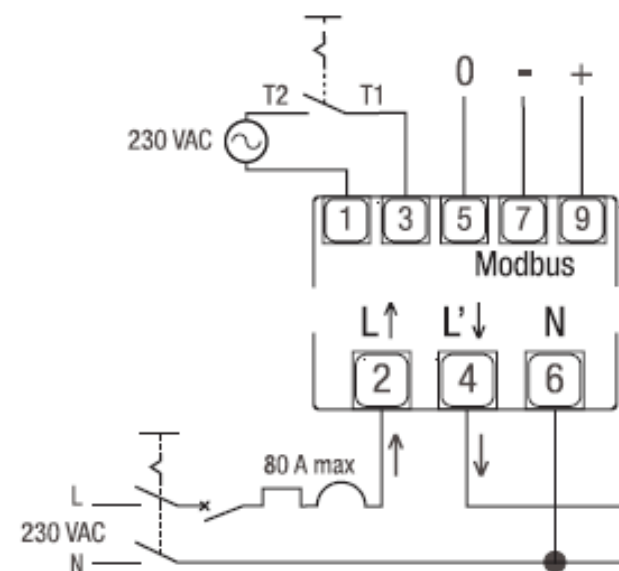


ECR180D

Dimensions



Wiring diagram



Input / Output Connections

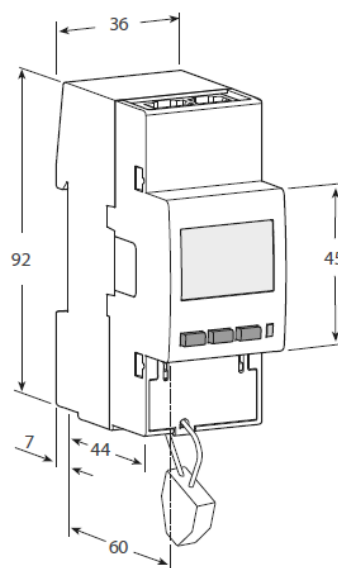
ECA180D Agaudio

Product view

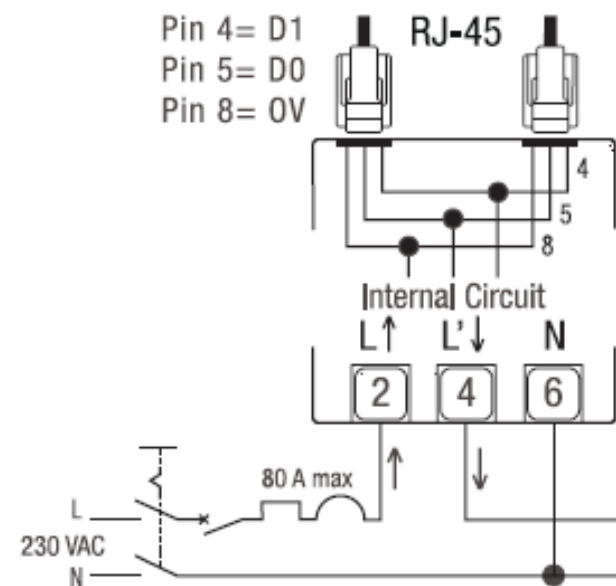


ECA180D

Dimensions



Wiring diagram



Input / Output Connections

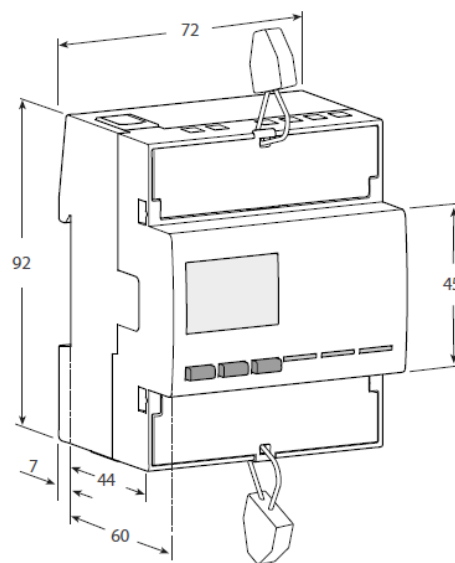
ECP180T SO pulse output

Product view

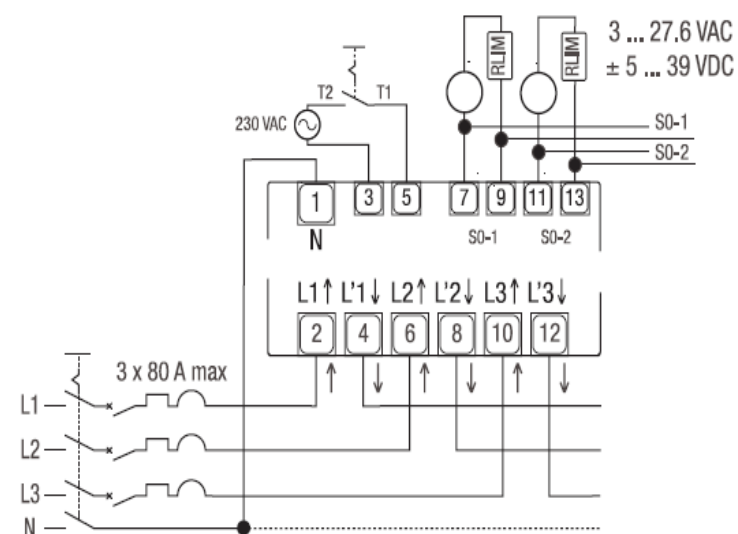


ECP180T

Dimensions



Wiring diagram



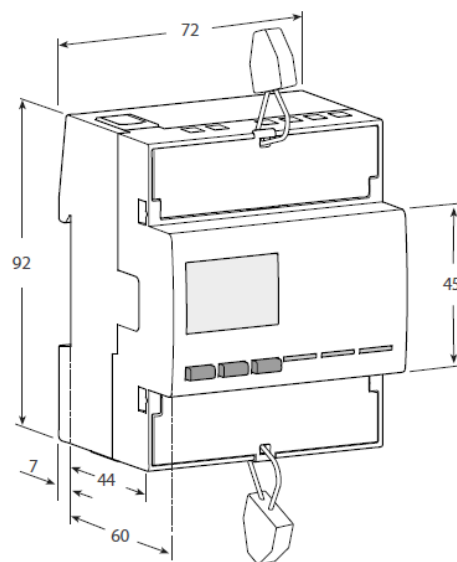
Input / Output Connections ECM180T Mbus

Product view

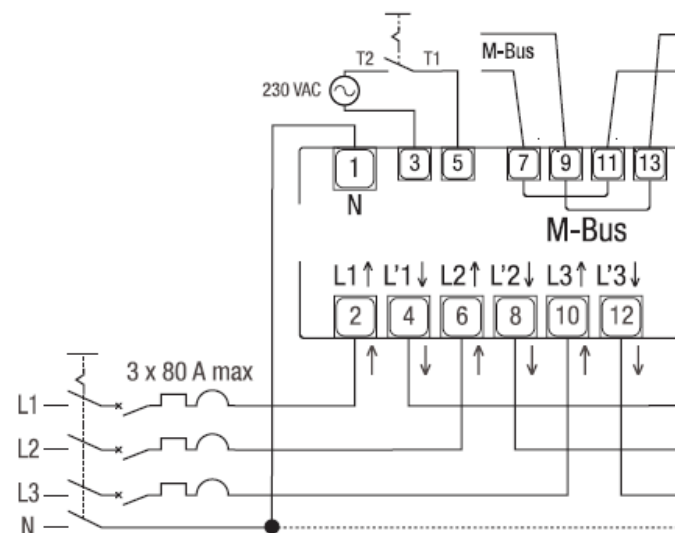


ECM180T

Dimensions

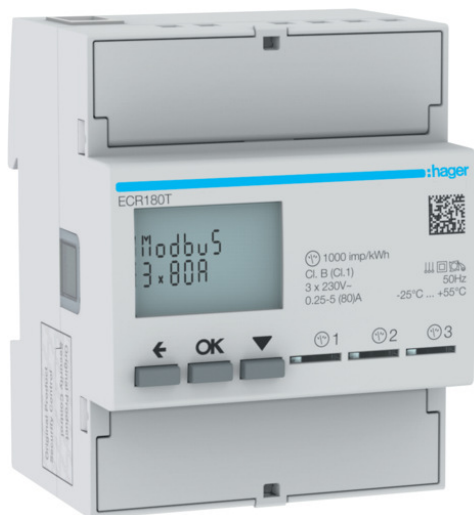


Wiring diagram



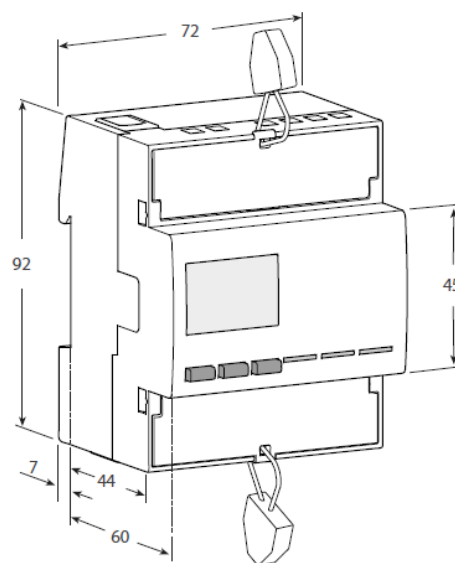
Input / Output Connections ECR180T Modbus

Product view

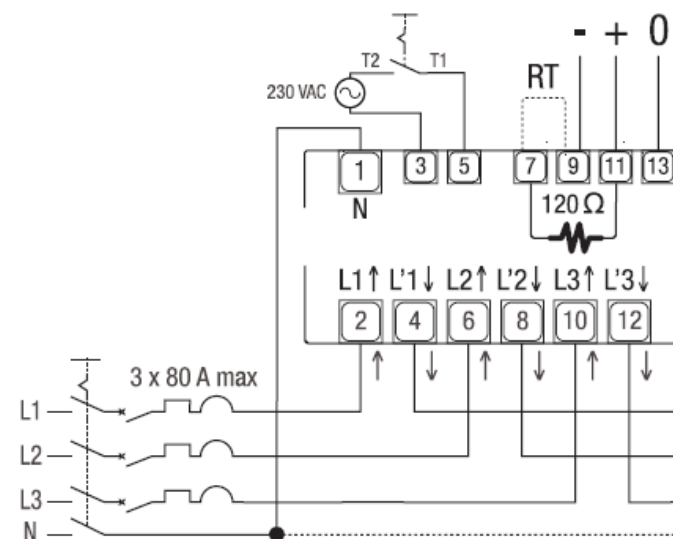


ECR180T

Dimensions

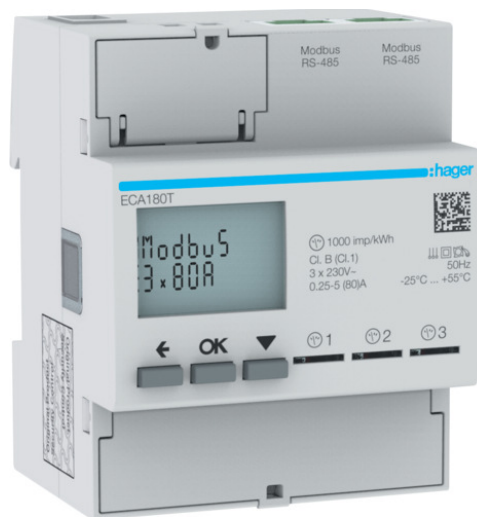


Wiring diagram



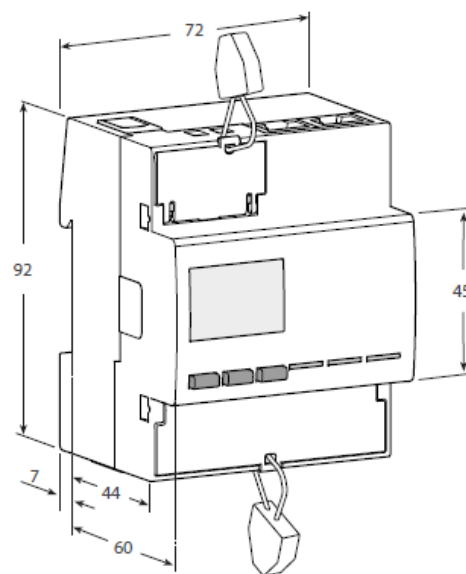
Input / Output Connections ECA180T Agaudio

Product view

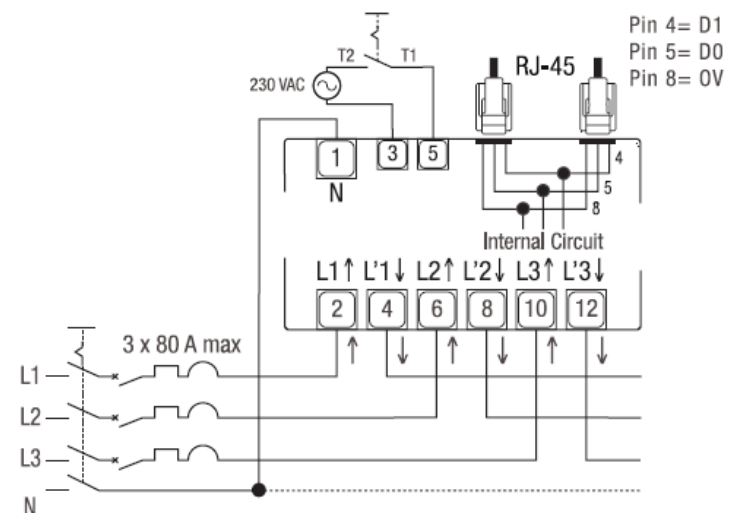


ECA180T

Dimensions



Wiring diagram



Input / Output Connections

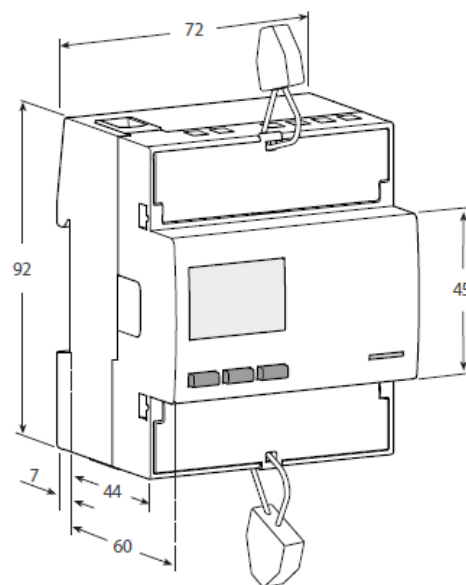
ECP380D SO pulse output

Product view

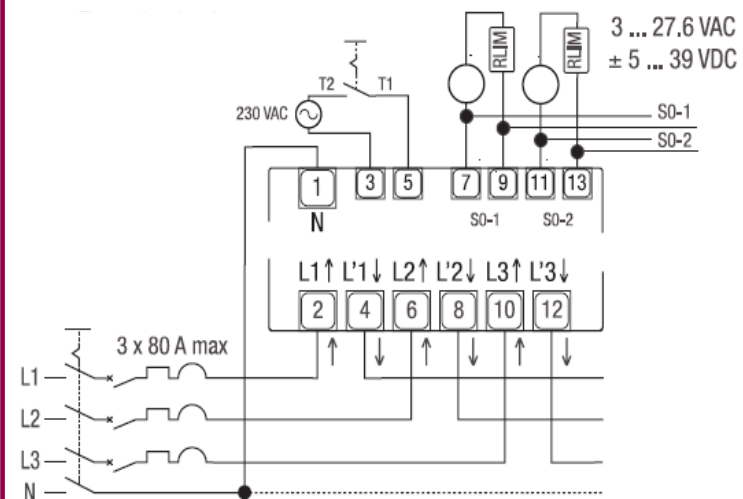


ECP380D

Dimensions



Wiring diagram



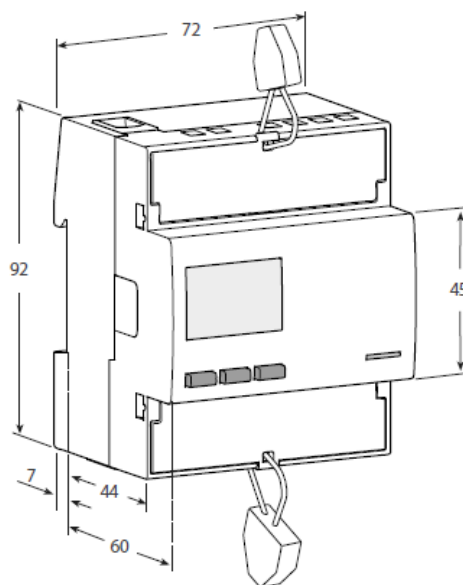
Input / Output Connections ECM380D Mbus

Product view

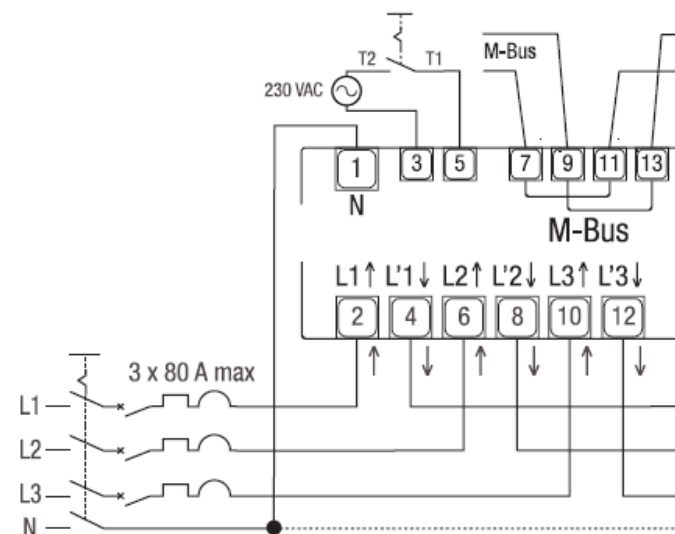


ECM380D

Dimensions



Wiring diagram



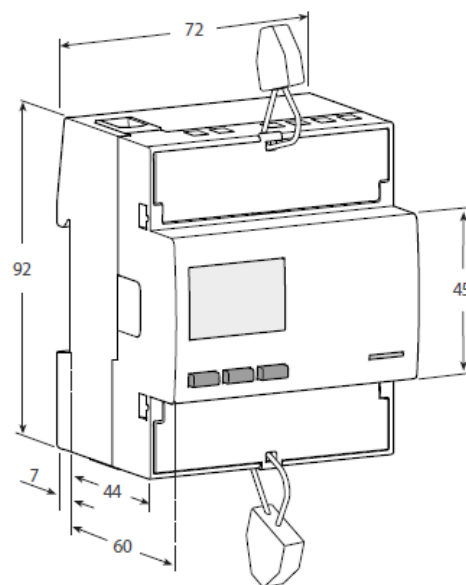
Input / Output Connections ECR380D Modbus

Product view

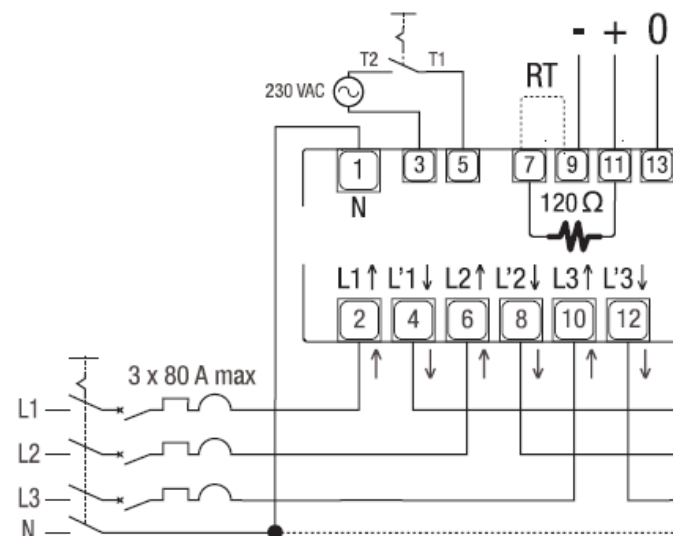


ECR380D

Dimensions



Wiring diagram



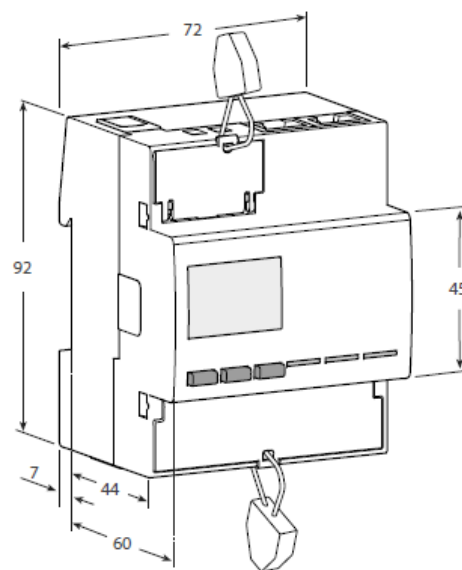
Input / Output Connections ECA380D Agaudio

Product view

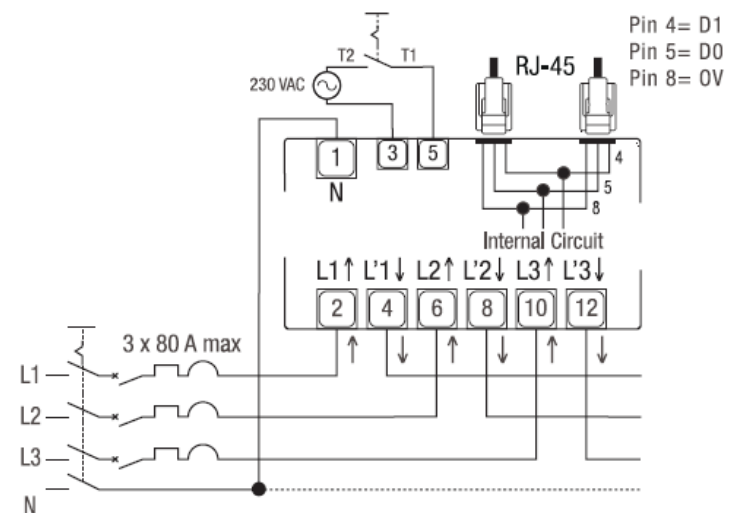


ECA380D

Dimensions



Wiring diagram



Input / Output Connections

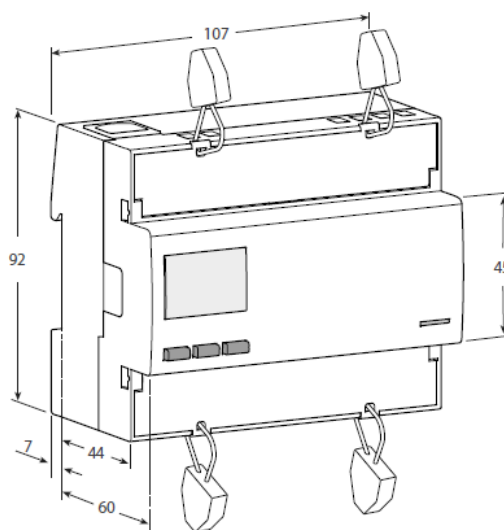
ECP310D SO pulse output

Product view

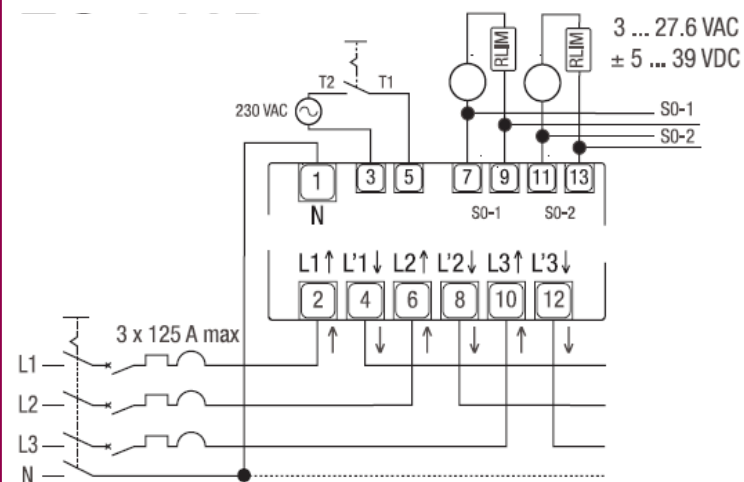


ECP310D

Dimensions



Wiring diagram



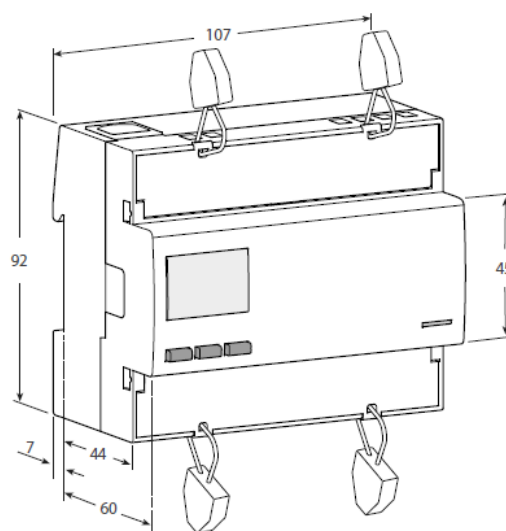
Input / Output Connections ECM310D Mbus

Product view

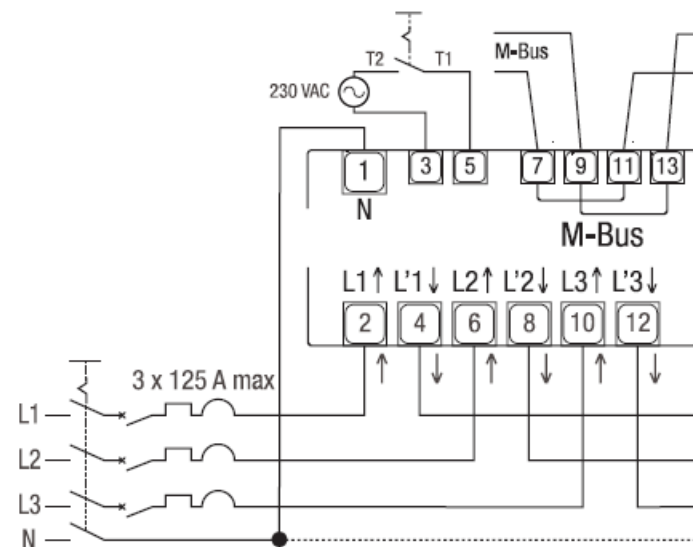


ECM310D

Dimensions



Wiring diagram



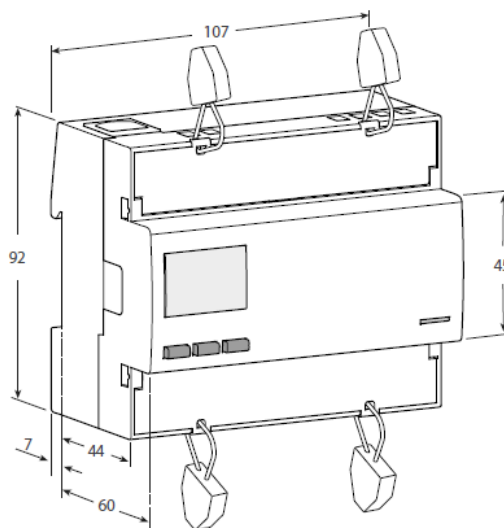
Input / Output Connections ECR310D Modbus

Product view

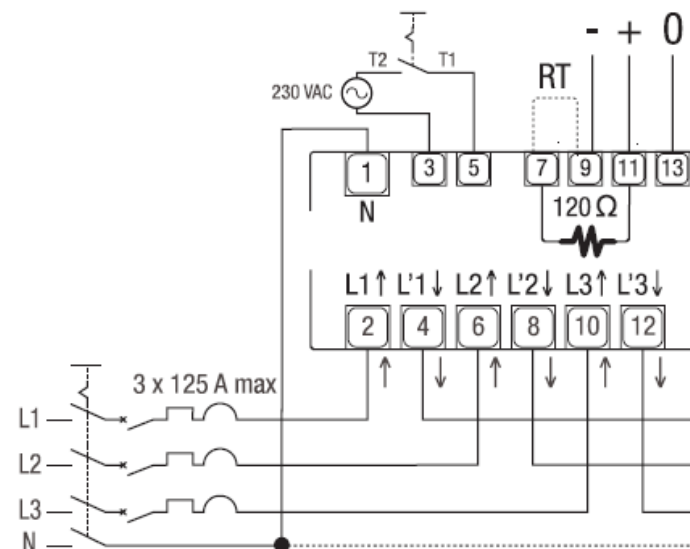


ECR310D

Dimensions



Wiring diagram



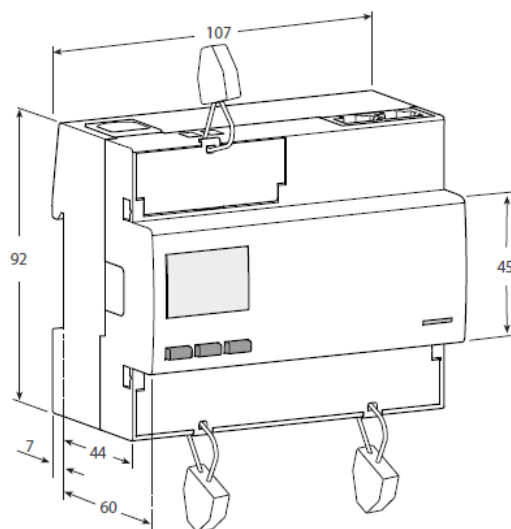
Input / Output Connections ECA310D Agaudio

Product view

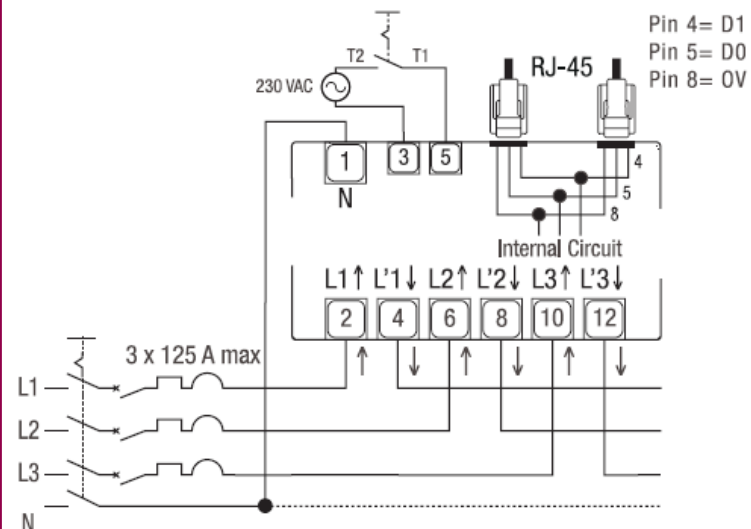


ECA310D

Dimensions



Wiring diagram



Input / Output Connections

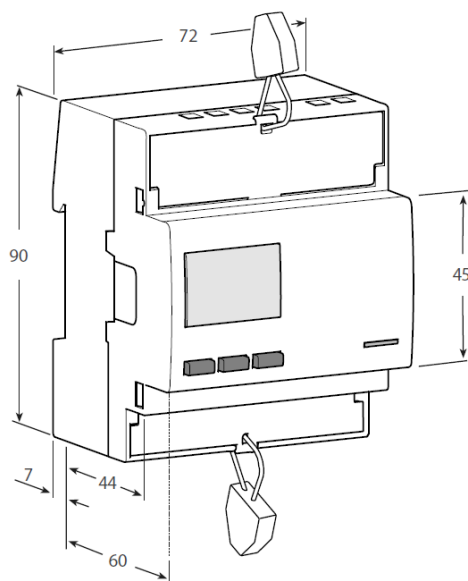
ECP300C SO pulse output

Product view

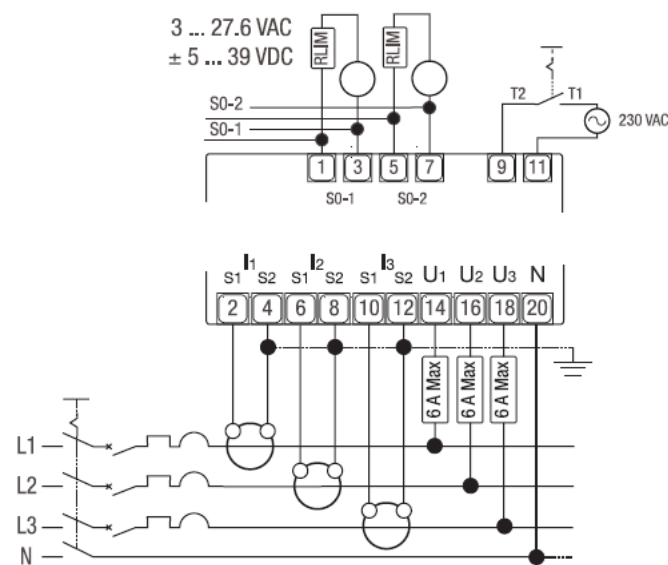


ECP300C

Dimensions



Wiring diagram



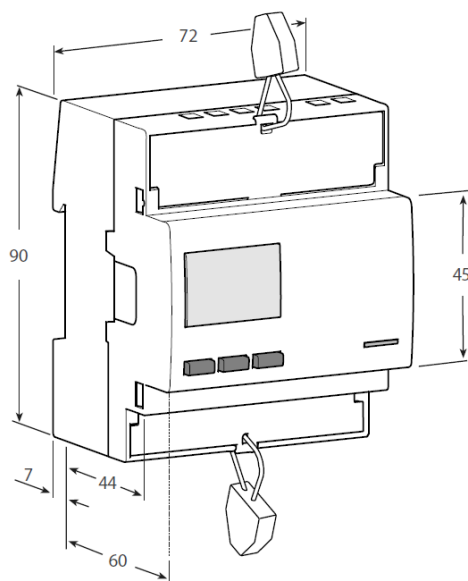
Input / Output Connections ECM300C Mbus

Product view

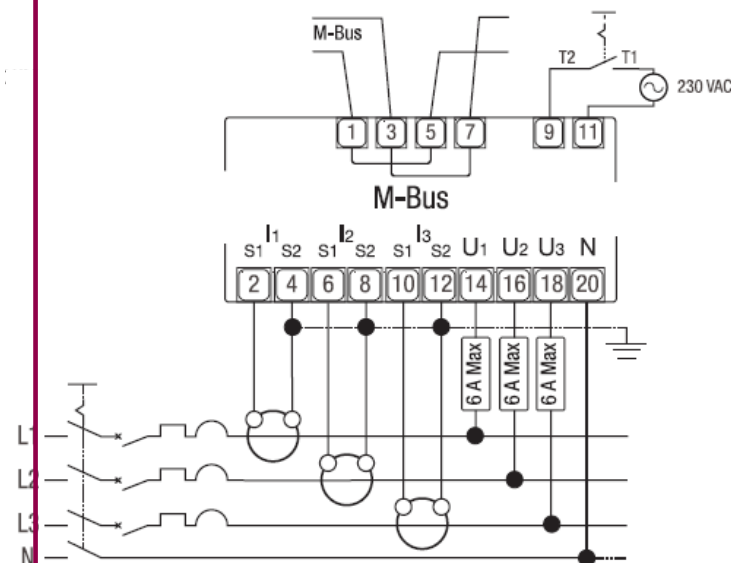


ECM300C

Dimensions

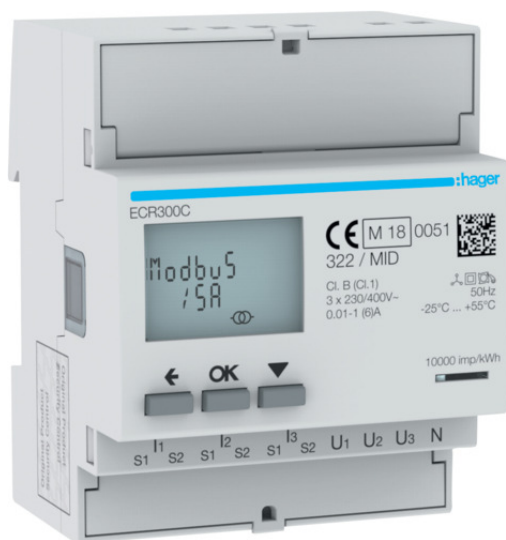


Wiring diagram



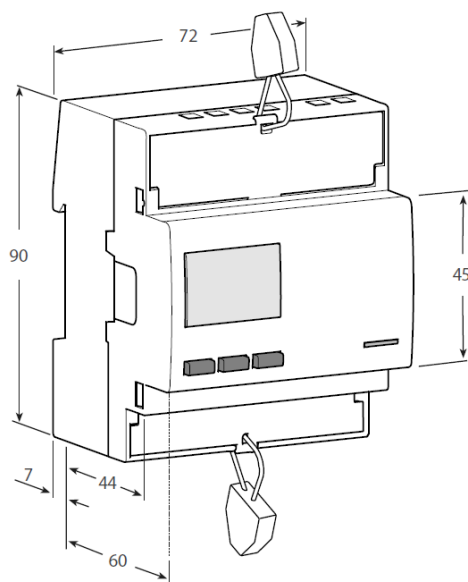
Input / Output Connections ECR300C Modbus

Product view

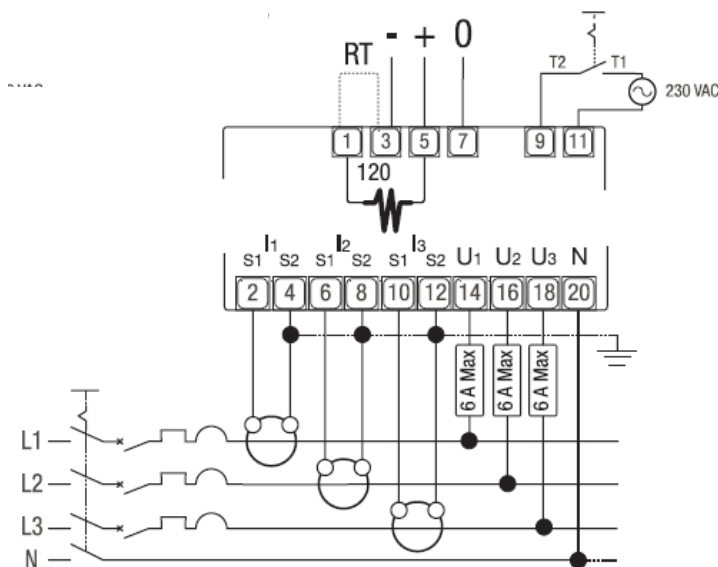


ECR300C

Dimensions

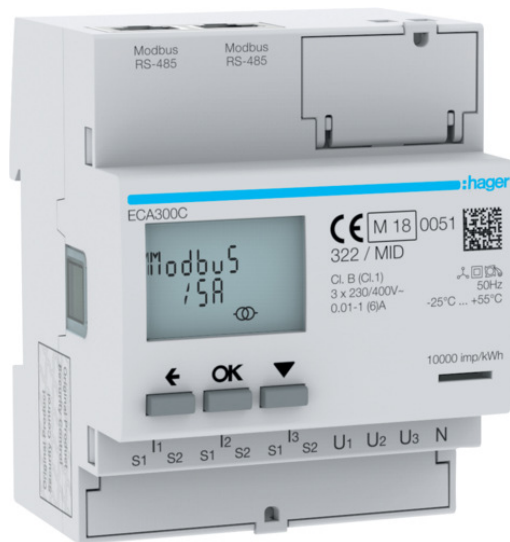


Wiring diagram



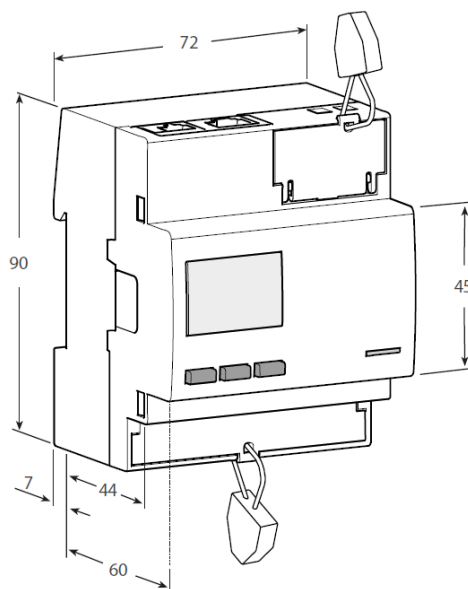
Input / Output Connections ECA300C Agaudio

Product view

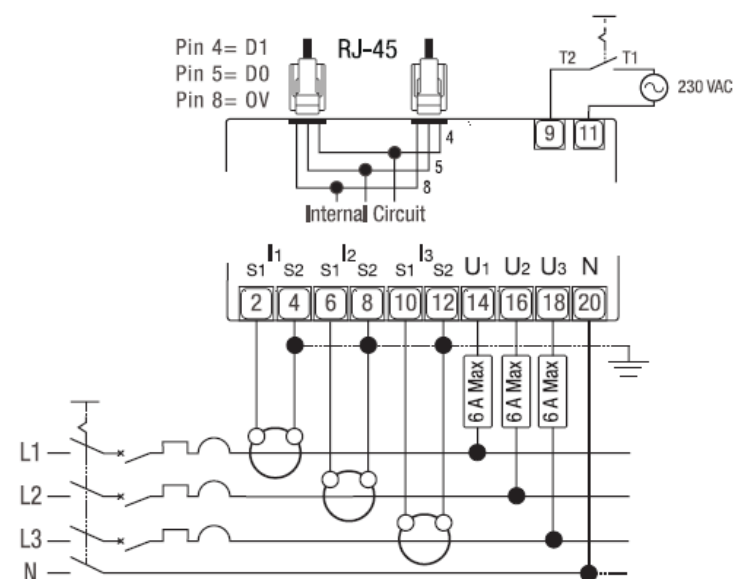


ECA300C

Dimensions



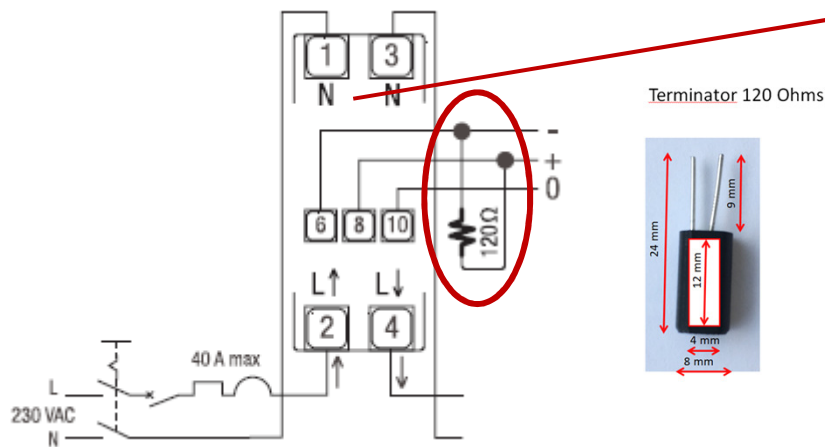
Wiring diagram



Accessories for ECR range

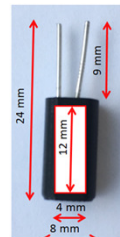
SMC120R Terminal resistance

The Modbus must be closed at each end through a terminal resistance of 120 ohms between the 2 wires – and + of the bus



Last product on the Modbus

Terminator 120 Ohms



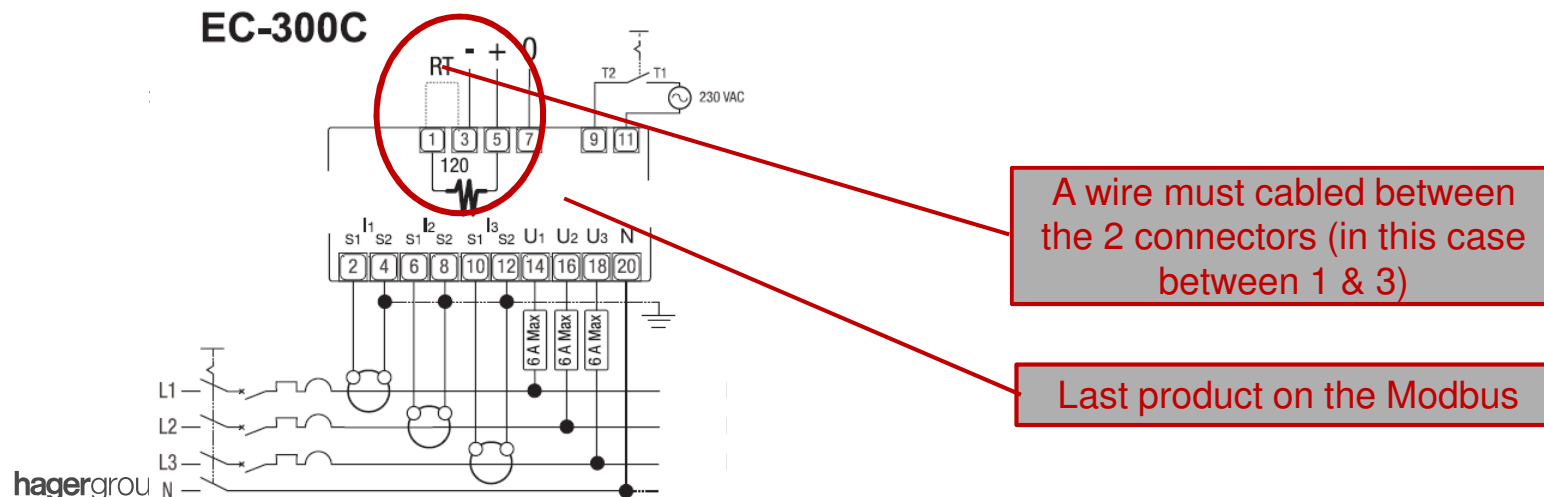
Hager Reference : **SMC120R**

Accessories

Terminal resistance for ECR range in 4M and 6M

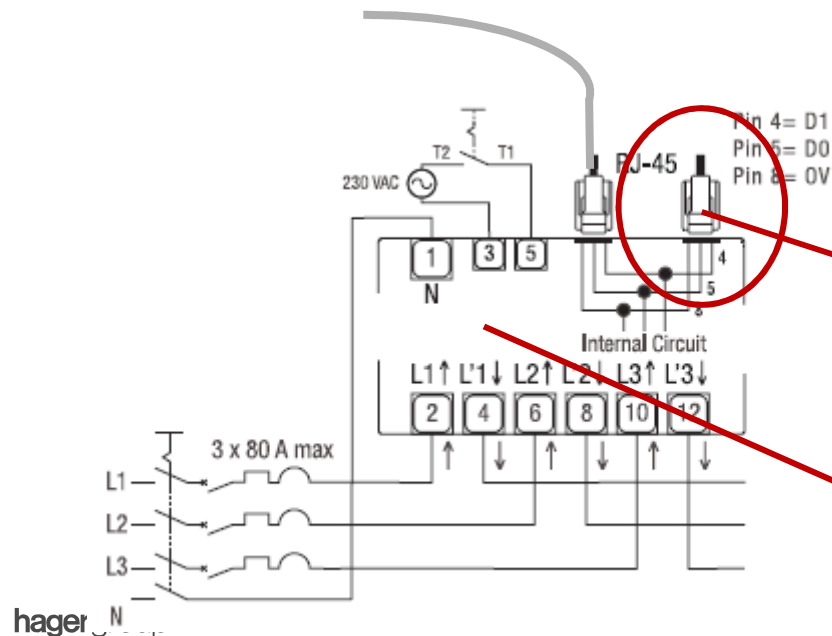
A terminal resistance is included in the Modbus meters ECR180T, ECR300C, EGR380D and ECR310D

The Modbus must be closed at each end through a terminal resistance of 120 ohms between the 2 wires – and + of the bus.

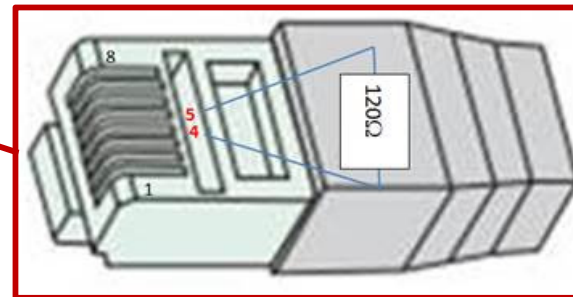


Accessories for Agardio HTG467H Terminal resistance

The Modbus must be closed at each end through a terminal resistance of 120 ohms.
In the use of an Agardio meter ECAXxx, the bus must be closed through an HTG467H terminal resistance



Hager Reference : **HTG467H**



Last product on the Modbus

Accessories for Agardio Cables for Modbus products

For products with a RJ45 Modbus linked through an Agardio Modbus, specific cables must be used.

Hager References :

HTG471H : Modbus cable, 2 x RJ45 + earth 1 m

HTG472H : Modbus cable, 2 x RJ45 + earth 2 m

HTG474H : Modbus cable, 2 x RJ45 + earth 5 m

HTG480H : Modbus Cable, RJ45 20 cm

HTG481H : Modbus Cable, RJ45 1 m

HTG482H : Modbus Cable, RJ45 2 m

HTG484H : Modbus Cable, 2 x RJ45 5 m