

ABSTRACT

A needle (3) is mounted in a housing (1) such that is
can be pushed forward and pulled back by rotating a
5 screw (6), and projects laterally to the outside
through an opening (2) which is fitted in the end
region of the housing (1). The needle (3) is connected
to a cable (10) via an overcurrent protection device
which is arranged in the interior of the housing (1).
10 The housing (1) and the screw (6) are composed of
electrically insulating material. A transmitting and
receiving unit which is connected to the cable (10) can
be used to transmit information via the power
distribution network, once the housing (1) has been
15 attached by means of cable ties (19, 20) in the
vicinity of an opening-out point (21) to a phase
conductor (17) of a power cable (18) which is part of a
power distribution network, and the needle (3) has
pierced the insulation of the phase conductor (17).

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(Figure 2)