

Title (en)
ELECTRICAL ADDITIONAL MODULE FOR A SERVICE DEVICE, COMBINATION OF THE ADDITIONAL MODULE WITH THE SERVICE DEVICE,
AS WELL AS AN ADDITIONAL MODULE SET

Title (de)
ELEKTRISCHES ZUSATZMODUL FÜR EIN INSTALLATIONSGERÄT, KOMBINATION DES ZUSATZMODULS MIT DEM INSTALLATIONSGERÄT
SOWIE ZUSATZMODULSET

Title (fr)
MODULE COMPLEMENTAIRE ELECTRIQUE POUR UN APPAREILLAGE D'INSTALLATION, COMBINAISON DU MODULE COMPLEMENTAIRE
AVEC L'APPAREILLAGE D'INSTALLATION ET JEU DE MODULES COMPLEMENTAIRES

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Application
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Abstract (en)
[origin: WO2008028433A1] Service devices are used in the field of automation and normally form interfaces between programmable logic controllers (PLC) and the installations or installation components to be controlled. Service devices such as these generally have a multiplicity of electrical interfaces for additional modules, with the additional modules being connected via control lines to the PLC, to further service devices or to installation components. The invention is based on the object of proposing an electrical additional module for a service device, a combination of the additional module with the service device, and an additional module set having various additional modules which allow easier fitting and removal of the additional modules in the service device. For this purpose, an electrical additional module (3) is proposed, having an appliance interface (6) for fitting the additional module (3) to a service device (1), with the service device (1) having a stepped holding geometry with at least two steps (2a, b), on each of which an electrical contact means is arranged for holding an electrical opposing contact means, with the appliance interface (6) having step sections (5a, b) which are designed to be complementary to the at least two steps and on which in each case one of the electrical opposing contact means (4) is arranged, in order to make contact with the associated contact means, and with the at least two step sections (2a, b) being rigidly connected to one another when the additional module (3) is not fitted.

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Citation (search report)
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