

PAI

ProTrol Analogue Input module



Introduction

The PAI is a DIN-rail mounted expansion module for the PDC (ProTrol Distribution Controller). The PDC scalable architecture makes it suitable for both secondary and primary substations. The PDC can be expanded with up to 4 PAI modules which will allow a total amount of 32 Analogue Input signals.

Technical data for the PAI

General data

Physical size:	99 x 115 x 22.5 mm.
Mounting:	DIN-rail.
Operating temperature:	-20 - +60 °C.
Power supply:	Through the PDC.
Tot. power consumption:	≈ 4 mA at 24 VDC.
CE-approval:	EN61000-4-x, Level 4. EN61000-6-4, Class B.

PAI basic RTU-functions

Number of AI:	8 channels, individually settable to 0-20, 4-20, 0-10 or 2-10 mA.
Resolution:	12 bits internal resolution and 14 bits arithmetic resolution.

