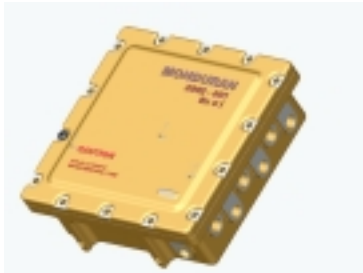


MPC

Multipurpose Programmable Controller is a high performance embedded multipurpose programmable controller housed in a flameproof enclosure. Based on the node-concept design, the MPC is scalable and versatile. The MPC can be optioned for programming in IEC61131 which includes Ladder Logic. The MPC can be applied to control, datalogging or communication applications including mobile machineries, continuous miners, shearers. Field I/O options include level, flow, temperature, pressure, speed/direction, motor relay, inclinometer and gas sensor.



Features

Low power consumption

Fanless motherboard and CPU

Intrinsically safe (Ex ia, Ex ib, Ex d)

Potted modules, no internal wires

Rugged and tough metal construction

WLAN options

100 Base Fx options

UPS options

Certified to AS/NZ60079

Programmable in IEC61131

Benefit

Compact, space saving

Integrated features

Versatile applications

Specification

CPU	32 bit 300 Mhz Processor
Memory	64 MB ECC-SDRAM
OS	Real-time OS
Size	~ 300 x 300 x 100 mm
Mass	30 kg
Enclosure	Cast Metal
Cable Entry	Ex d glands with FRAS facilities

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Parts

2002-601	Enclosure
2002-303	12V Power Supply
2002-307	Active barrier module
2002-309	Main processor module
2002-304	RTC battery module
2002-305	Terminal board

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