

MTL 8000

Product Data Sheet

8920-PS-DC

intrinsically safe power supply

PRODUCT TYPE	NOMINAL INPUT	INPUT RANGE	PROTECTED OUTPUT
Intrinsically safe system power supply	24 V DC	18.5 to 36 V DC	Voltage-clamped isolated DC output

MTL 8920-PS-DC is a intrinsically safe power supply in the MTL 8000 family. The exact order code identifies the documented interface and electrical configuration for this article.

01

VERIFIED TECHNICAL DATA

Product type	Intrinsically safe system power supply
Nominal input	24 V DC
Input range	18.5 to 36 V DC
Protected output	Voltage-clamped isolated DC output
Output current capacity	5 A
Carrier compatibility	8724-CA-PS
Redundancy support	Active load sharing
Protection method	Triplicated crowbar protection
Input connection	Duplicated screw terminals
Maximum conductor size	2.5 mm²

ADDITIONAL PRODUCT DATA

Temperature class	-40 to +70 °C
Certification family	BAS98ATEX7209U

DOCUMENTED USE SETTINGS

Oil, Gas and Petrochemical Facilities: Refinery and petrochemical industry facilities.

Chemical and Specialty Material Industries: Basic chemical and specialty material facilities.

Marine, Offshore and Port Facilities: Offshore energy and marine facilities.

SYSTEM COMPATIBILITY

8920-PS-DC is a intrinsically safe power supply in the MTL 8000 family. Confirm the complete article identity and compare its documented product type of Intrinsically safe system power supply with the installed requirement.

PRODUCT EVIDENCE

MTL manufacturer documentation