WN-PXS24
Werksnorm

The PXS24 series has been developed specifically for overload-protected and short-circuit proof 24 V power supply units, of the type commonly used in automation applications. Beneath you will find a list of standards according which the PXS24 series was verified.

We recommend downloading the latest versions of all relevant documents prior to planning
www.Eaton.com/PXS24

IEC 60947-1, IEC 60947-5-1, IEC 60898-1, IEC 61131-2		
Sequence	Clause	Test
A	J.9.1	Reliability of screwless terminals
	8.2.4.3	Flexion test
	8.2.4.4	Pull-out test
	J.9.3	Cycling test
	9.13.2.4	DIN-rail mounting
	9.13.2.2	Mechanical impact
	9.6	Protection against access
	9.14.2	Ball pressure test
	9.16	Resistance to rusting
	11.5	Flammability
	9.15	Glow wire test
B	12.2.1	Dielectric test
	12.1.5	Temperature rise
	9.8.5	Power loss
	9.9	28-day test
		Thermal effects (defined by EATON)
C	12.2.4	Overload
	12.2.5	Endurance (remote)
	12.2.5	Endurance (by I/O switch)
	6.3.5	Plug-in test COM-port
EMC	9	EMV

Sequence	Clause	Test
D	6.5.2.3	Working range COM-port input
	6.5.3.1	Working range COM-port output
	6.5.1	Operation at temperature limits
	6.4.1.1	Operation at voltage limits
	6.4.1.3	Shut-down behavior
	6.4.1.4	Switch-on behavior
	6.4.2.1	Limits of operating voltage
	6.4.2.2	Voltage variations
	6.4.2.3	Voltage interruptions (1ms)
	6.5.1	Operation at temperature limits
	6.4.3.1	Test with incorrect connection of supply
	6.4.3.2	Test with incorrect voltage /frequency
E	8.3.3.5.3	Making and breaking
		Loading of Capacitors (defined EATON)
	8.3.4	Conditional short-circuit capacity
F	6.2.1	Test Na: Rapid change of temperature
	6.2.1	Test Nb: Specific rate of temperature change
G		Damped heat - steady state (IEC 60068-2-78)
H	6.3.1	Test Fc: Vibration, sinusoidal
	6.3.2	Test Ea: Shock

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