

## SYSTEM 21 UNIVERSAL SWITCH

# PM2120

4822 872 30324

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### 1. GENERAL

The PM2120 programmable Universal Switch provides the following features.

- 20 individual ON/OFF switches with one common contact per pair.
- 10 change over switches, make-before-break or break-before-make mode.

### 2. TECHNICAL DATA

Cross talk isolation	>60dB (DC to 100kHz, $R_0 = 50\Omega$ )
Series resistance	<0.5 $\Omega$
Isolation resistance	>10 <sup>9</sup> $\Omega$
Open contact	>10 <sup>9</sup> $\Omega$
Frequency range	DC to 100kHz
Max. switching voltage	30Vrms (DC to 100kHz)
Max. switching current	200mA rms (DC to 100kHz)
Max. switching power (Resistive load)	10VA (DC or peak AC)
Max. common mode voltage between any two terminals and between any terminal and the System 21 bus	30Vrms or 42Vdc
Supply voltage	7,5-16Vdc (powered out of the master module)
Supply current	Typ. 125mA; Max. 225mA
User I/O terminal	Type F161 female, 37 contacts dimensions according to MIL-C-24308
Relay switching time	<10ms
Time from matching the execution condition to all relays settled	<25ms
Settling time after power on	<50ms
Make-before-break switching time	<20ms
Break-before-make switching time	<20ms



# PHILIPS