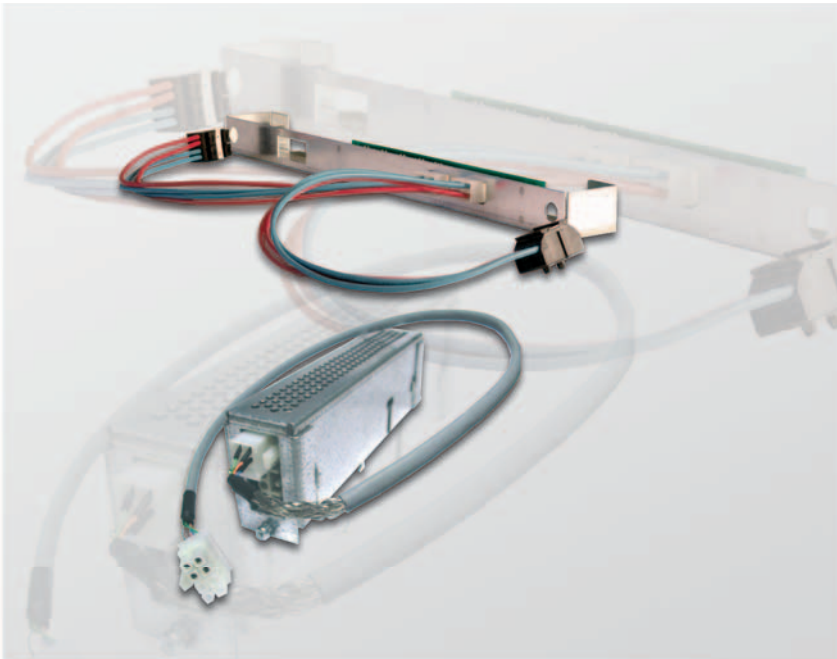


DUPI4/DUPI6 – Dual Power Input Modules

KEYMILE’s DUPIx provides the ultimate power protection upgrade for your MileGate and UMUX installations



- Unit centralises alarm functionality and power input control
- Compact and effective solution
- Delivers built-in redundancy
- Power protection for both, subrack and fan unit
- Increases the VDC power availability of your network elements

DUPI4 (at the top) and DUPI6

KEYMILE’s DUPIx increases your return on investment and lowers your total cost of ownership. The DUPIx keeps your equipment up and running by minimising the downtime caused by power outages and preventing damage to your equipment due to power surges and spikes.

■ Overview

The DUPIx acts as a dual input power decoupler that selects between two independent VDC power feeds and delivers them directly to the chassis’s power input. Thus, the DUPIx ensures uninterrupted service delivery since the power feed change over is instantaneous and thus transparent to your chassis.

The selection of DUPI4/DUPI6 is based on the type of chassis you wish to deploy. The compatibility is shown in the following table.

Chassis	Power Protection
MileGate 2500	DUPI4
MileGate 2300	DUPI6
UMUX 1500 R2	DUPI4

For operation with a fan tray (UMUX 1500 with FANU5, MileGate 2500 with FANU4 or MileGate 2300 with FANU6), the DUPIx provides the same dual power support to the fan unit.

The unique space saving design of the DUPIs means that it is mounted in a „0U“ configuration within the cable tray area thus offering maximum flexibility for utilising valuable rack space.

The DUPIx is installed in the field either as part of a new build deployment or as an upgrade option. The field installation process is quick and easy with all mounting brackets, accessories, and installation instructions shipped with the product.

■ Management

Each of the DUPIx dual power inputs are independently managed thus eliminating many common failures and further increasing your system availability.

All DUPIx alarm messages are handled by the external alarm circuitry on the core unit in UMUX or fan unit in MileGate and managed by means of the well-proven management system to ensure high-performance and reliable network operation.

■ Applications

Utilising a fault tolerant design KEYMILE's DUPIx provides the ultimate power protection for

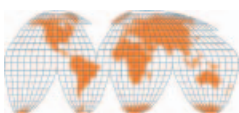
your MileGate or UMUX, in mission critical environments where you depend on the reliability of redundant power systems housed within your facility. As such, there are numerous applications where the deployment of DUPIx is highly recommended. Examples include:

- Dedicated Networks
- Cross-Connect Elements
- Critical Backhaul Nodes
- Carrier-grade Triple Play provisioning

Please contact us to find out more about the DUPIx and the KEYMILE's extensive product range.

Technical Data

Environmental Specifications DUPOS/DUPI4/DUPI6		
Electromagnetic compatibility	EN 300 386 V1.3.3 (2005-04) and EN 55022, Class B	
Surge protection	IEC/EN 61000-4-5: ±2kV at 12W or ±0.8kV at 2 ohms	
Environmental conditions (ETSI 300 019)	Storage (Class 1.2)	
	Transport (Class 2.2)	
	Operation (Class 3.2)	
Mechanical Specifications	DUPI4	DUPI6
External dimensions (H × W × D)	32 x 438 x 52mm	32 x 42 x 143mm
Weight	410g	310g
Power Specifications	DUPI4	DUPI6
Input voltage range	-39.5VDC ... -75VDC	-40VDC ... -75VDC
Input current range	≤30A	≤15A
Voltage drop	0.30V (at 30A)	0.30V (at 15A)
Polarity protection	As standard	As standard



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or contact us: info@keymile.com ...