

KSP-ACP-IFM AUTO CHANGEOVER AND FAULT RUN COMMUNICATION PANELS FOR SERVER ROOMS

K-con provide an Auto change over, fault and run panel specifically designed for use with Mitsubishi Electric air conditioning units serving computer rooms (N+1 communications room application) where emergency backup and rota is required. The panel runs the indoor units alternately so that the cooling load is evenly distributed over a weekly period.

- If there is a power loss or a system fault occurs, the panel will initiate the standby unit to give seamless operation and maintain room temperature conditions
- Panels can control up to 8 air conditioning units
- The KTR-53 interface is required to connect each indoor unit to the KSP-ACP-IFM panel via Mitsubishi Electric 3 and 5 wire adaptor
- Fitted with high temperature thermostat for multiple air conditioning units to run. The temperature can be adjusted at the time of programming
- Panel displays current temperature and trend over the past 12 hours
- SMS text / Email alert option for up to 5 recipients (KSP-ACP SMS option)
- Flashing amber xenon beacon with alarm option available (KSP-ACP BEACON option)

KSP-ACP-IFM codes and descriptions

IModel	Product Code	Description
KSP-ACP-IFM2-3	I0100147	Controls up to 3 indoor units
KSP-ACP-IFM4-6	I0100148	Controls up to 6 indoor units
KSP-ACP-IFM7-8	I0100149	Controls up to 8 indoor units Room temperature
KSP-ACP SMS / EMAIL OPTION	I0100160	SMS / Email text option for up to 5 recipients
KSP-ACP BEACON ALARM OPTION	I0100161	Flashing amber xenon beacon and alarm
KSP-ACP OPTIONAL DISPLAY	I0100162	Configurable Optional Display
KTR-53 TRANSIT RELAY	I0110349	12V-DC/24V-AC interface for Mitsubishi Electric air conditioning units



KSP-ACP-IFM Panel
Optional display / alternative (if required)

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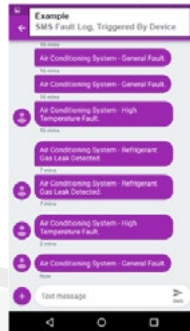


Kooltech Bespoke Solutions

KSP-ACP-IFM3 AUTO CHANGEOVER AND FAULT RUN COIMMUNICATION PANELS FOR SERVER ROOMS

KSP-ACP-IFM3+SMS Panel comes with SMS and Email alerts

- Alerts can be set up for up to 5 recipients Email or SMS per panel
- A default telephone call will be made to the recipient to notify SMS alert is being sent (can be disabled)
- Customised message up to 50 characters
- Required standard GSM pay as you go SIM card



KSP-ACP-IFM+SMS Panel
Optional display / alternative (if required)

KS-ACP-IFM+SMS Input and outputs

Inputs	Outputs
Alarm status of the indoor unit	Run each stage (1 run and 1 standby unit)
Operation status of the indoor unit	BMS alarm contact
Aux alarm input (eg. Water detection etc.)	Ethernet connection (with potential for Modbus TCP/IP registers for fault and room temperature analogue)
Room temperature	

Panel specifications

Changeover time	10am Monday (Configurable over IP)
High temperature alarm	Set 26°C (configurable over IP)
Dimensions (mm)	345 (w) x 290 (h) x 100 (d)
Power supply	240V ac 0.75mm ² (5A fused spur)
Interconnect to Mitsubishi Electric units	3 and 5 wire adaptor per indoor unit (max 12mm) to KTR53A (Max 80mm)
Network ethernet connection	Side entry

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