

Dicam Control Components : Essential Information

Important : Read this information carefully before using these products

- 1 Dicom control components are intended for use by Original Equipment Manufacturers (OEMs) and specialist contractors in the construction of control panels and wiring systems for use in agricultural and similar applications.
OEMs and contractors must make their own assessment of suitability for any particular purpose.
- 2 Installation, repair and fault finding **MUST ONLY** be carried out by skilled service personnel.
The components are **NOT** intended for installation or service by unskilled personnel or normal operators.
- 3 All components must be fully enclosed within cabinets or enclosures suitably rated and environmentally protected for the purpose and for the intended conditions of use.
- 4 Live terminals are exposed and some parts become hot during operation. Enclosures must require access by means of a tool, or components must be fully protected by insulating barriers so as to prevent accidental contact with components.
- 5 Components produce heat during normal operation. Enclosures and cabinets must be suitably sized with adequate heat loss characteristics to prevent excessive operating temperatures.
- 6 Unless otherwise specified, Dicom control components operate at mains voltage. All components must be mounted with a minimum clearance of 1/2" (12.7mm) from any surface.
- 7 Dicom control components require a connection for mains (or other operating voltage) and low voltage (control signal). Low voltage and mains cables must be properly segregated to prevent accidental contact between circuits both inside and outside enclosures. All cables and wires must be insulated to the highest working voltage.
- 8 All wiring within enclosures must be carefully routed to avoid contact with hot surfaces, exposed contacts or metal surfaces. All loose wiring within enclosures must be secured with cables ties or equivalent.
- 9 Dicom control components contain no serviceable parts. In the event of failure or damage, they must be replaced exactly the same component, or a direct equivalent, manufactured by Farmex.
- 10 Unless otherwise specified, Dicom control components contain no circuit or overload protection. Control components **MUST** be installed with backup fuses or circuit breakers to protect against excess voltages or currents.
- 11 Dicom control components must be installed and wired according to the applicable regulations in the locality of installation :
UK : IEE Wiring Regulations (16th edn.)
US :
Canada : Canadian Electrical Code

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Conditions (except where otherwise specified) :			
Location	Altitude/Pressure	Humidity	Temperature
Indoors. Environmentally protected IP55. Free from condensation and corrosive atmospheres.	<2000m 75 to 106kPa	≤ 31°C ≤ 80% ≤ 40°C ≤ 50%	≥ 5° ≤ 40°C
Insulation type	Installation Category	Pollution Degree	
Basic	Category 2	2	
Operating Voltage	Frequency		
110/130Vac	50/60Hz		