

FAN FAULT RELAY FOR XCM UNITS

Applications

Application notice for some units manufactured before October 2022 do not come standard with a fan fault relay. Some EC fans and all direct drive fans used by Armcor do not have an inbuilt fan fault relay.

Units without fan faults are

XCM 125 XCM 225 XCM 325 XCM 625
XEM 400 XEC 400

Fan Fault Module

A circuit breaker on the incoming power supply combined with a AUX relay contact is provided and if the fan draws over current and the circuit breaker is tripped, it will operate the relay contact. Volt free normally open and normally closed contacts are provided and suitable for 240v at 4 amps or any control voltage.

Installation

If the fan fault circuit breaker is to be installed on site, it is required to be installed in an enclosure

Power to be supplied directly into the circuit breaker

Relay contacts are

- T11 Common input from the control circuit
- T12 normally closed contact, opens on fault.
- T14 Normally open contact, closes on fault.

