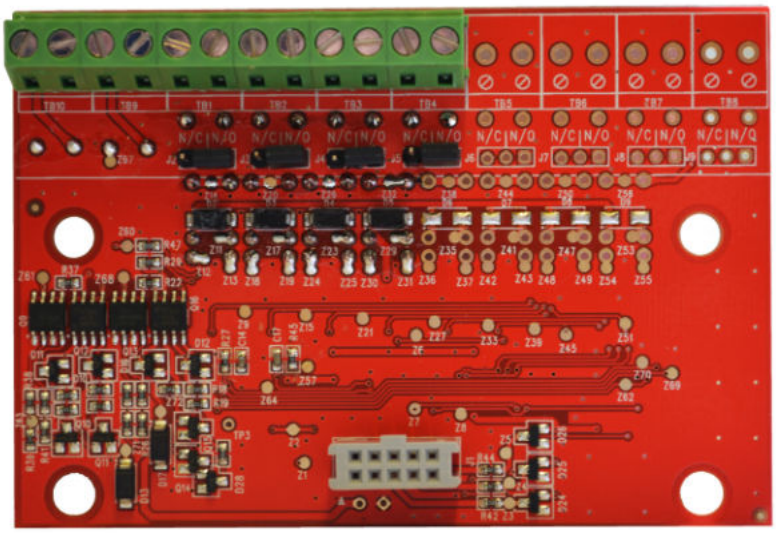
BWOB series - BiWire Ultra option board



Eaton's BiWire Ultra option board is an additional daughter card that provides outputs to Fire Protection Equipment (FPE), Fire Alarm Routing Equipment (FRE) and Relays.

The FRE output is designed to activate during a fire event and is connected to phone dialers and/or Building Management Systems - the output complies with EN54-2.

The FPR output is designed to activate during a fire event and when connected to an external devices drive door release mechanisms, fire screens, sprinkler systems, and gas release systems.

Zone relay contacts are volt free and do not provide any voltage. The relays are selectable to be either set to C/NO or C/NC. The zonal relays are designed to follow the fire condition of the associated zone circuits on the Main Board.

Technical specification

Reference		BWOB2Z	BWOB4Z	BWOB8Z
Operating Voltage		18.75-30.7V		
FRE Output	Rating	24V, 50mA		
	Fuse	50mA PTC		
	EOLR	6.8KΩ		
FPE Output	Rating	24V, 50mA		
	Fuse	50mA PTC		
	EOLR	6.8KΩ		
Number of Auxillary	Relays	2	4	8
Auxillar Relays (Un-Monitored)	Type	Volt Free, Single Pole Double Throw		
	Rating	30V DC 1A		
	Fuse	500mA PTC		

Catalogue numbers

Description	Code
2-Zone BiWire Ultra Option Board	BWOB2Z
4-Zone BiWire Ultra Option Board	BWOB4Z
8-Zone BiWire Ultra Option Board	BWOB8Z

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