



ACO PANEL

Auto Changeover Controllers

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Overview



- A range of auto changeover controllers for use with AC or EC single or three phase twin fans
- Power on indication
- Fail indication
- Suitable for operating temperatures up to +40°C

Optional Features

Suitable for use with speed controllers to a minimum voltage of 70V.

Duty Share/ Remote Enable and VFC Fail standard on ACO18 and 14E models.

Single Phase 220V to 240V / 50Hz or 60Hz

Product Code	Max Peak Current Amps	Weight kg	IP Rating
149-ACO14E	4	0.3	20
149-ACO18	8	0.3	20
149-ACO1/B	9	3	51

B - For use as either Electric type or Air, suitable for speed control to minimum 70V.
For additional options refer to suffix list and options compatibility table.

Three Phase 400V / 50Hz

Product Code	Max Peak Current Amps	Weight kg	IP Rating
149-ACO3/B	9	3	51

B – For use with three phase twin fans up to 4kW.

Optional Features

Option	Description	Suffix
Duty Share	Automatically changes between fan 1 and fan 2 at a pre- determined time as selected via internal time clock.	D
Volt Free Contact (fail indication)	A volt free contact that can be used to connect a visual / audible alarm located externally to the panel, also for use with energy management systems.	V
Remote On / Off	A volt free contact or 240V connection terminal to allow the auto changeover panel to be remotely switched On and Off.	O

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Compatibility Tables

Fan Compatibility Table

Product Code	ACO Product Code			
	149-AC018	149-ACO1/B	149-ACO3/B	149-ACO14E
SQT 240V 1PH 50HZ AC	✓	✓		
SQT 400V 3PH 50HZ AC			✓	
SQT 240V 1PH 50HZ EC				✓
SQT 400V 3PH 50HZ EC			✓	
STD 240V 1PH 50HZ AC	✓	✓		
STD 400V 3PH 50HZ AC			✓	
STD 240V 1PH 50HZ EC				✓
STD 400V 3PH 50HZ EC			✓	
STDR 240V 1PH 50HZ AC	✓	✓		
STDR 400V 3PH 50HZ AC			✓	
STDR 240V 1PH 50HZ EC				✓
STDR 400V 3PH 50HZ EC			✓	

Option Compatibility Table

Product Code	Duty Share	VFC Fail	Remote On/Off	Speed Control
149-ACO3/B	•	•	•	✓
149-ACO14E	✓	✓	✓	✓

• Optional

Building Services

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