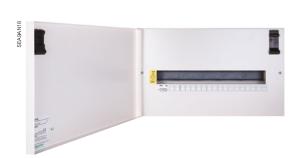
Acti9 Isobar and Isobar P A type distribution boards

BS EN 61439-3 | IEC 61439-3

- Acti9 Isobar is a complete range of single phase distribution boards for commercial and industrial applications
- Standard distribution boards up to 27 ways
- Multi service distribution boards up to 21 ways
- Dual supply distribution boards up to 16 ways (Isobar only)
- Split load distribution boards up to 15 ways (Isobar only)
- Split metered distribution boards up to 28 ways
- Any outgoing way can be converted to switch the Neutral
- Fully type tested conditional short circuit rating of 16kA to BS EN 61439-3
- High performance MCB 10kA BS EN 60898 15kA BS EN 60947-2 in B, C or D curve single and double pole
- 125A busbar rating*
- Isobar disconnection to BS EN 60947-3 ensuring unused outgoing ways are isolated

- Option of switching outgoing neutral on all boards using distributed neutral kit
- Terminal block for feeding up to 100A
- Range of incomers: switch disconnectors, residual current devices, terminal blocks
- Single pole wire-less RCBO (Isobar P only)
- Single pole wired RCBO
- Full IP2X internal shrouding Isobar P only
- Full range of device accessories and auxiliaries
- Knockouts for cable gland and conduit mixed to suit the installation needs without loss of space
- · Split metering options
- Connectivity with MCB and RCBO single phase wireless energy sensors
- * For typical assembly configuration ratings ($I_{\rm rA}$) with incomers fitted consult us



Main Characteristics Alternating current (AC) 50Hz						
withstand	110V	230/240V				
Conditional	10kA	10kA				

Technical data Standard, Multi service, Split load, Dual incomer, Split metered Acti9 Isobar

insulation voltage (Ui)		500V		500V
Pollution degree		3		3
Rated inpulse withstand voltage (Uimp)		6kV		6kV
Current rating (A*)	direct connection	125A	Terminal block	125A
	Switch disconnector	125A	Power switch	125A
	RCCB			
	sensitivites (mA)	30, 100, 300, 300TD, 1	30, 100, 300, 300TD, 100A	
Degree of protection (IEC 60529)		External IP3X		
		Internal IP2X		
Endurance (O-C) Isobar switch disconnector		3000		
Overvoltage category		IV		
Operating temperature*		-35 to +70°C		
Storage teperature		-40 to +80°C		

 * For typical assembly configuration ratings ($\mathit{I}_{\mathrm{nA}})$ with incomers fitted consult us

Connections				
Rating	Tightening torque	Copper lugs	Cables bare	Device
125 amp	3.5Nm	•	50mm²	DIN switch disconnector
125 amp	3.5Nm		50mm²	Terminal block
100 amp	3.5Nm		35mm ²	RCCB

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