

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_{nA}) 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 impulse 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, 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 (I_{nA}) with incomers fitted consult us				
Connections				
Rating	Tightening torque	Copper lugs	Cables bare	Device
125 amp	3.5Nm	■	50mm ²	DIN switch disconnector
125 amp	3.5Nm	■	50mm ²	Terminal block
100 amp	3.5Nm	■	35mm ²	RCCB