ASSA ABLOY

Technical datasheet

Primo Readers

Built for convenient security and control

The Primo Reader range combines advanced security and mobile flexibility in five purpose-built models. From slim mullion readers for modern interiors to rugged units for extreme outdoor conditions, every model supports mobile credentials and integrates seamlessly with Primo software.



Mobile freedom

Flexibility to choose between mobile credential providers - no vendor lock-in, no unnecessary licensing costs

Advanced security

OSDP AES-128 encryption and secure element hardware protect every transaction against cloning and unauthorized access

Reliable performance

IP65 / IK08 rating as standard across all models and IP66 / IK10+ for the dedicated harsh environment reader

Easy management

Remote setup via Primo software eliminates manual on-site programming, from single-door to enterprise-wide rollouts

Primo Readers

Technical specification



	PMR9xx Mullion reader	PMK9xx Mullion keypad reader	PJR9xx Junction box reader	PJK9xx Junction box keypad reader	PHR9xx Harsh environment reader
					
General information					
Dimensions W x H x D	4.6 x 12.3 x 2.2 cm	4.6 x 12.3 x 2.2 cm	8.0 x 12.3 x 2.2 cm	8.0 x 12.3 x 2.2 cm	Ø 7.8 x D 3.2 cm
Weight	75 g	75 g	90 g	90 g	80 g
Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Colour options *all with silver mounting plate*	■ Black □ White ■ Graphite grey ■ Gunmetal blue ■ Khaki ■ Beige ■ Burnt orange	■ Black □ White	■ Black □ White ■ Graphite grey ■ Gunmetal blue ■ Khaki ■ Beige ■ Burnt orange	■ Black □ White	■ Black □ White ■ Graphite grey ■ Gunmetal blue ■ Khaki ■ Beige ■ Burnt orange



	PMR9xx Mullion reader	PMK9xx Mullion keypad reader	PJR9xx Junction box reader	PJK9xx Junction box keypad reader	PHR9xx Harsh environment reader
					
Electrical specification					
Input voltage	12 ± 20 % V DC				
Power at 12 VDC	50 mA nominal | 80 mA peak | 0.6 W				
Power input protection	Reverse polarity				
Connection type	Pluggable terminal block				
Connection medium	OSDP, Standard Wiegand or Impro proprietary Wiegand				
RFID specification					
Type	125 kHz and 13.56 MHz RFID (NFC) & 2.4 GHz				
RFID range	15 - 50 mm				
BLE range	< 1 - 10 m				
User interfaces					
Buzzer	Single tone				
LED	Tri-coloured status LED				
Tamper	Mechanical tamper protection				
Credential compatibility	HID Seos, HID iCLASS (H10301, H10302, H10304 & CSN), MIFARE and DESFire EV1/EV2/EV3, 125 kHz Prox, EM4100 Prox				
Mobile credential options	Mobile capable (requires licence), HID Mobile Access, STid Mobile ID				
Mechanical keypad	None	2 × 6 layout	None	3 × 4 layout	None
Environmental specification					
Operating temperature	-25 °C to +60 °C				
Storage temperature	-40 °C to +80 °C				
Operating humidity	0 - 95 % relative humidity at +40 °C non-condensing				
Ingress protection	IP65	IP65	IP65	IP65	IP66
Impact protection	IK08	IK08	IK08	IK08	IK10+
Certifications					
Markets	CE (EU), UKCA, ICASA, UL on request				

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We reserve the right to make technical modifications.
Version: AA_Primo-Readers_Datasheet_2026-11_UK

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