



FLEXPASS

CURVE

A SIMPLE ELEGANCE. THE CURVE COVER DESIGN REFLECTS A MOVEMENT TOWARDS THE GRACEFUL DESIGNS AND MATERIALS OF THE FUTURE.



CURVE

AVAILABLE IN: BLACK BLUE

INDALA PROVIDES A COMPLETE PRODUCT PORTFOLIO WITH THE FLEXSECUR™ TECHNOLOGY - THE CONFIDENCE OF SECURITY BETWEEN CARD AND READER. SUPPORTED WITH INNOVATIVE DESIGN AND RESPONSIVE CUSTOMER CARE.

FLEXPASS™

An ASSA ABLOY Group company

ASSA ABLOY

CURVE

SPECIFICATIONS

Size Slim: 4.9" H x 1.7" W x 1.1" T (12.4cm x 4.3cm x 2.8cm)
 Wallswitch: 5.0" H x 3.8" W x 1.1" T (12.7cm x 9.6cm x 2.8cm)
 Mid-Range: 5.9" H x 6.2" W x 1.3" T (14.9cm x 15.7cm x 3.3cm)

Read Range Slim: Up to 5" (12.7cm) using FlexCard™ standard card
 Wallswitch: Up to 5" (12.7cm) using FlexCard standard card
 Mid-Range: Up to 12" (30.5cm) using FlexCard standard card

Input Voltage Slim: 4-16 VDC at reader
 Wallswitch: 4-16 VDC at reader
 Mid-Range: 4-14 VDC at reader

Typical Current Draw
 Off Metal: Slim: 65 mA @ 12 V; 86 mA @ 5 VDC
 Wallswitch: 65 mA @ 12 V; 86 mA @ 5 VDC
 Mid-Range: 117 mA @ 12 V; 70 mA @ 5 VDC

On Metal: Slim: 86 mA @ 12 V; 97 mA @ 5 VDC
 Wallswitch: 86 mA @ 12 V; 97 mA @ 5 VDC
 Mid-Range: 111 mA @ 12 V; 65 mA @ 5 VDC

Maximum: Slim: 96 mA @ 12 V; 100 mA @ 5 VDC
 Wallswitch: 96 mA @ 12 V; 100 mA @ 5 VDC
 Mid-Range: 140 mA @ 12 V; 82 mA @ 5 VDC

Operating Temperature -31° to +149°F (-35° to +65°C)
LED Indicator Tri-color standard (red, green, amber)
Audio Tone Standard, independently controllable (not tied to LED)
Output Formats Wiegand, ABA Track II Magnetic Stripe, and Serial TTL (requires use of BIL 232/422 Module)

Frequency 125 kHz (excitation)
Read Time (26-bit) 200 ms (from read to data output)
Security Various levels (configurable) FlexSecur™
Programming Factory or field programmable via FlexPass ProxSmith™ Programmer and Tool Kit

Color Black, Blue

Other Features Self Test, QuickFlash, and WatchDog

Product Description	Package* Part #	Bezel Only Part #	CEM Only Part #
Slim, Black	FP2511A	FPZ-2511A	FPC-0500A
Slim, Blue	FP2514A	FPZ-2514A	FPC-0500A
Wallswitch, Black	FP2521A	FPZ-2521A	FPC-0500A
Wallswitch, Blue	FP2524A	FPZ-2524A	FPC-0500A
Mid-range, Black	FP2231A	FPZ-2231A	FPC-0200A
Mid-range, Blue	FP2234A	FPZ-2234A	FPC-0200A
Mid-range, Black, Serial	FP2231S	FPZ-2231A	FPC-0200S
Mid-range, Blue, Serial	FP2234S	FPZ-2234A	FPC-0200S

*Packages include Core Electronics Module (CEM) and Bezel.



SLIM



WALLSWITCH



MID-RANGE

Headquarters
 6850 B Santa Teresa Blvd.
 San Jose, California 95119-1205 USA
 Toll Free: 800-779-8663 (USA only)
 Tech. Support: 800-646-3252 (USA only)
 Phone: +1 408 361 4700
 Fax: +1 408 361 4701

European Office
 Wokingham, Berkshire UK
 Phone: +44 (0) 1189 121 780
 Fax: +44 (0) 1189 121 790

Asia Pacific Office
 Hong Kong
 Phone: +852 2587 6008
 Fax: +852 8343 7688

Mexico Office
 León, Gto. México
 Phone: +52 477 779 7784
 Fax: +52 477 779 1493

Brazil Office
 São Paulo, Brazil
 Phone: +55 11 5576 6660
 Fax: +55 11 5576 6661

Latin America Office
 Buenos Aires, Argentina
 Phone: +54 11 4857 3573
 Fax: +54 11 4857 3573



Credentials
 The Indala FlexPass Curve is designed to work seamlessly with Indala FlexPass credentials such as the FlexISO™, FlexKey™, FlexCard, and FlexISO XT Durable Composite Card.

APPROVALS

UL 294/cUL, FCC Certification - United States, Canada Certification, CE Mark - Europe, Australia C-Tick, New Zealand, EMC

WARRANTY

Indala warrants this product against defects in material and workmanship under normal use and service. The warranty period commences with the date of shipment. See complete warranty statement for further details.

Read range stated when readers installed according to instructions. Read range may vary when mounted on metal and with different cover designs. Illumination colors may differ based on cover design color. Specifications subject to change without notice. Indala reserves the right to discontinue any product without notice.

Indala and FlexPass are registered trademarks of Indala, an ASSA ABLOY Group company. All other products or service names are the property of their respective trademark owners.
 © 2003 Indala. All rights reserved. Printed in the U.S.A.
 curveds 10-2003

