



**Moneris
Transit
EMV™ Test Card Set Summary**

Version 1.00

November 2021

Powered by B2»

To view *Technical* document online,
scan QR Code below.



Disclaimer

Information provided in this document describes capabilities available at the time of developing and delivering this document and the associated test cards and information available from industry sources. This document is intended to be used as a guideline only and B2 Payment Solutions, Inc. and/or its affiliates accept no liability for any errors or omissions in this document and/or for any results of client's reliance thereon.

Copyright

© 2021 by B2 Payment Solutions, Inc. All rights reserved. All information and data contained herein and within the associated test cards is confidential and proprietary to B2 Payment Solutions. Such information shall not be disclosed, duplicated, reverse-engineered or used in part or in whole, for any purpose without prior written consent from B2 Payment Solutions, Inc. other than specific internal, non-commercial, non-assignable use in conjunction with the Moneris Transit EMV™ Test Card Set (11 cards) only.

Attribution

EMV™ is a trademark owned by EMVCo LLC.

All trademarked symbols seen below are registered trademarks of their respective organizations: Moneris Solutions Corporation, American Express Company, Interac Association, Mastercard International Incorporated and Visa Inc.



B2 Contact Information

www.b2ps.com

Canada
251 Consumers Road, Suite 1200, Toronto, ON M2J 4R3
Tel: 416.730.9827

U.S.A.
1615 S. Congress Avenue, Suite 103, Delray Beach, FL 33445
Tel: 470.233.7374

Revision History

Version	Date	Updated By	Revisions
1.00	November 22, 2021	B2PS	<ul style="list-style-type: none">• Initial document release

Table of Contents

Chapter 1 - Moneris Transit EMV Test Card Set Profiles	2
1.1 VISA 01 – DI, Credit, English, Canada, CAD.....	5
1.1.1 CVM List - AID A0000000031010, Visa (EMV).....	5
1.1.2 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, online).....	5
1.1.3 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, offline).....	5
1.2 VISA 02 – DI, Credit, English, Canada, CAD.....	5
1.2.1 CVM List - AID A0000000031010, Visa (EMV).....	5
1.2.2 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, online).....	5
1.2.3 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, offline).....	5
1.3 MASTERCARD 01 – DI, Credit, English, CAN, CAD.....	6
1.3.1 CVM List (Contact) - AID A0000000041010, Mastercard (EMV).....	6
1.3.2 CVM List (CTLS) - AID A0000000041010, Mastercard (PayPass MChip).....	6
1.4 MASTERCARD 02 – DI, Credit, French, CAN, CAD.....	6
1.4.1 CVM List (Contact) - AID A0000000041010, Mastercard (EMV).....	6
1.4.2 CVM List (CTLS)- AID A0000000041010, Mastercard (PayPass MChip).....	6
1.5 MASTERCARD 03 – DI, Credit, English, CAN, CAD.....	7
1.5.1 CVM List (Contact) - AID A0000000041010, Mastercard (EMV).....	7
1.5.2 CVM List (CTLS) - AID A0000000041010, Mastercard (PayPass MChip).....	7
1.6 AMEX 01 – DI, Credit, English, CAN, CAD.....	7
1.6.1 CVM List (Contact)- AID A000000025010403, Amex (EMV)	7
1.6.2 CVM List (CTLS) - AID A000000025010403, Amex (Expresspay).....	7
1.7 AMEX 02 – DI, Credit, French, CAN, CAD.....	8
1.7.1 CVM List (Contact) - AID A000000025010403, Amex (EMV)	8
1.7.2 CVM List (CTLS) - AID A000000025010403, Amex (Expresspay).....	8
1.8 INTERAC 01 – DI, Debit, English, Canada, CAD	8
1.8.1 CVM List (Contact) - AID A0000002771010, Interac (EMV).....	8
1.8.2 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)	8
1.9 INTERAC 02 – DI, Debit, English, Canada, CAD	9
1.9.1 CVM List (Contact) - AID A0000002771010, Interac (EMV).....	9
1.9.2 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)	9
1.10 INTERAC 03 – DI, Debit, French, Canada, CAD	9
1.10.1 CVM List (Contact) - AID A0000002771010, Interac (EMV).....	9
1.10.2 CVM List (Contact) - AID A0000002771010, Interac (EMV).....	9
1.10.3 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)	9
1.11 INTERAC 04 – DI, Debit, French, Canada, CAD	10
1.11.1 CVM List (Contact) - AID A0000002771010, Interac (EMV).....	10
1.11.2 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)	10

CAUTION

Multiple consecutive incorrect PIN entry attempts may result in the card being blocked. This is known as being 'PIN Blocked'.
 If this occurs, it will no longer be possible to enter an Offline PIN which will cause all future transactions to be declined.

***** It is not possible to unblock a 'PIN Blocked' card *****

Chapter 1 - Moneris Transit EMV Test Card Set Profiles

This Moneris Transit EMV Test Card Set contains 11 cards with several cards from each of the following card brands.



	VISA 01	VISA 02
Brand	Visa	Visa
Type	Credit	Credit
AID	A0000000031010	A0000000041010
PAN	4761 7321 7583 4166	4761 7325 0040 4776
Expiry Date	12/2029	12/2029
Service Code	201	201
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR
CVM (Contact) Default Condition: Terminal Supports CVM	Online PIN (ATM) Offline Plaintext PIN Signature NO CVM required See card definition	Online PIN (ATM) Offline Plaintext PIN Signature NO CVM required See card definition
Cardholder Name	"Byron Kent"	"Blair Yanny"
Approval Amount	\$10.00	\$20.00
Issuer Country Code	124 - Canada	124 - Canada
Application Currency Code	124 - CAD	124 - CAD
Language(s)	'en' - English	'en' - English
Card Version	1	1

	MASTERCARD 01	MASTERCARD 02	MASTERCARD 03
Brand	Mastercard	Mastercard	Mastercard
Type	Credit	Credit	Credit
AID	A0000000041010	A0000000041010	A0000000041010
PAN	5413 3351 2040 6848	5413 3399 0876 7140	5413 3353 3551 0467
Expiry Date	12/2029	12/2029	12/2029
Service Code	201	201	201
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR	Contact, Contactless, MSR
CVM (Contact) Default Condition: Terminal Supports CVM	Online PIN (ATM) Signature NO CVM required See card definition	Online PIN (ATM) Signature NO CVM required See card definition	Online PIN (ATM) Signature NO CVM required See card definition
Cardholder Name	"Mo Markus"	"Melissa Baker"	"Lou Nguyen"
Approval Amount	\$10.00	\$20.00	\$20.00
Issuer Country Code	124 - Canada	124 - Canada	124 - Canada
Application Currency Code	124 - CAD	124 - CAD	124 - CAD
Language(s)	'en' - English	'fr' - French	'en' - English
Card Version	1	1	1

	AMEX 01	AMEX 02
Brand	American Express	American Express
Type	Credit	Credit
AID	A000000025010403	A000000025010403
PAN	3742 453107 31012	3742 453334 20056
Expiry Date	12/2030	12/2030
Service Code	201	201
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR
CVM (Contact) Default Condition: Terminal Supports CVM	Online PIN (ATM) Offline Enciphered PIN Signature Offline Plaintext PIN NO CVM required (NOT ATM, MCash or CashB) Fail CVM Processing See card definition	Online PIN (ATM) Offline Enciphered PIN Signature Offline Plaintext PIN NO CVM required (NOT ATM, MCash or CashB) Fail CVM Processing See card definition
Cardholder Name	"MO BLAIR"	"MICHELLE CHAN"
Approval Amount	\$1.03	\$1.03
Issuer Country Code	124 - Canada	124 - Canada
Application Currency Code	124 - CAD	124 - CAD
Language(s)	'en' - English	'fr' - French
Card Version	1	1

	INTERAC 01	INTERAC 02
Brand	Interac	Interac
Type	Debit	Debit
AID	A0000002771010	A0000002771010
PAN	0012 9999 5504 7518	0012 9995 3657 6704
Expiry Date	12/2028	12/2028
Service Code	220	220
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR
CVM (Contact) Default Condition: <i>Terminal Supports CVM</i>	Offline Enciphered PIN Offline Plaintext PIN Online PIN See card definition	Offline Enciphered PIN Offline Plaintext PIN Online PIN See card definition
Cardholder Name	"PHIL KHALID"	"SHIRLEY KING"
Approval Amount	\$10.00	\$10.00
Issuer Country Code	124 - Canada	124 - Canada
Application Currency Code	124 - CAD	124 - CAD
Language(s)	'en' - English	'en' - English
Card Version	1	1

	INTERAC 03	INTERAC 04
Brand	Interac	Interac
Type	Debit	Debit
AID	A0000002771010	A0000002771010
PAN	0012 9993 4101 5872	0012 9991 0174 7227
Expiry Date	12/2028	12/2028
Service Code	220	220
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR
CVM (Contact) Default Condition: <i>Terminal Supports CVM</i>	Offline Enciphered PIN Offline Plaintext PIN Online PIN See card definition	Offline Enciphered PIN Offline Plaintext PIN Online PIN See card definition
Cardholder Name	"LANDO JACKSON"	"ED SWIFT"
Approval Amount	\$10.00	\$10.00
Issuer Country Code	124 - Canada	124 - Canada
Application Currency Code	124 - CAD	124 - CAD
Language(s)	'fr' - French	'fr' - French
Card Version	1	1

1.1 VISA 01 – DI, Credit, English, Canada, CAD

A Dual Interface Visa credit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.00.

1.1.1 CVM List - AID A0000000031010, Visa (EMV)

Cardholder Verification Method List ('4201 4103 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
3	Signature (paper)	Terminal supports CVM type	Next CVM
4	NO CVM required	Terminal supports CVM type	Fail

1.1.2 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, online)

1.1.3 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, offline)

1.2 VISA 02 – DI, Credit, English, Canada, CAD

A Dual Interface Visa credit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.00.

1.2.1 CVM List - AID A0000000031010, Visa (EMV)

Cardholder Verification Method List ('4201 4103 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
3	Signature (paper)	Terminal supports CVM type	Next CVM
4	NO CVM required	Terminal supports CVM type	Fail

1.2.2 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, online)

1.2.3 No CTLS CVM List - AID A0000000031010, Visa (qVSDC, offline)

1.3 MASTERCARD 01 – DI, Credit, English, CAN, CAD

A Dual Interface Mastercard credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$20.00.

1.3.1 CVM List (Contact) - AID A0000000041010, Mastercard (EMV)

Cardholder Verification Method List ('4201 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	NO CVM required	Terminal supports CVM type	Fail

1.3.2 CVM List (CTLS) - AID A0000000041010, Mastercard (PayPass MChip)

Cardholder Verification Method List ('5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Signature (paper)	Terminal supports CVM type	Next CVM
2	No CVM required	Terminal supports CVM type	Fail

1.4 MASTERCARD 02 – DI, Credit, French, CAN, CAD

A Dual Interface Mastercard credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$20.00.

1.4.1 CVM List (Contact) - AID A0000000041010, Mastercard (EMV)

Cardholder Verification Method List ('4201 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	NO CVM required	Terminal supports CVM type	Fail

1.4.2 CVM List (CTLS)- AID A0000000041010, Mastercard (PayPass MChip)

Cardholder Verification Method List ('5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Signature (paper)	Terminal supports CVM type	Next CVM
2	No CVM required	Terminal supports CVM type	Fail

1.5 MASTERCARD 03 – DI, Credit, English, CAN, CAD

A Dual Interface Mastercard credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$20.00.

1.5.1 CVM List (Contact) - AID A0000000041010, Mastercard (EMV)

Cardholder Verification Method List ('4201 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	NO CVM required	Terminal supports CVM type	Fail

1.5.2 CVM List (CTLS) - AID A0000000041010, Mastercard (PayPass MChip)

Cardholder Verification Method List ('5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Signature (paper)	Terminal supports CVM type	Next CVM
2	No CVM required	Terminal supports CVM type	Fail

1.6 AMEX 01 – DI, Credit, English, CAN, CAD

A Dual Interface Amex credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$10.00.

1.6.1 CVM List (Contact)- AID A000000025010403, Amex (EMV)

Cardholder Verification Method List ('4201 4403 4103 5E03 1F02 0000')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Signature (paper)	Terminal supports CVM type	Next CVM
4	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
5	NO CVM required	Not Unattended Cash, Manual Cash or Cashback	Fail
6	Fail CVM Processing	Always	Fail

1.6.2 CVM List (CTLS) - AID A000000025010403, Amex (Expresspay)

Cardholder Verification Method List ('4201 5E03 1F02 0000')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	NO CVM required	Not Unattended Cash, Manual Cash or Cashback	Fail
4	Fail CVM required	Always	Fail

1.7 AMEX 02 – DI, Credit, French, CAN, CAD

A Dual Interface Amex credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$10.00.

1.7.1 CVM List (Contact) - AID A000000025010403, Amex (EMV)

Cardholder Verification Method List ('4201 4403 4103 5E03 1F02 0000')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Signature (paper)	Terminal supports CVM type	Next CVM
4	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
5	NO CVM required	Not Unattended Cash, Manual Cash or Cashback	Fail
6	Fail CVM Processing	Always	Fail

1.7.2 CVM List (CTLS) - AID A000000025010403, Amex (Expresspay)

Cardholder Verification Method List ('4201 5E03 1F02 0000')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	NO CVM required	Not Unattended Cash, Manual Cash or Cashback	Fail
4	Fail CVM Processing	Always	Fail

1.8 INTERAC 01 – DI, Debit, English, Canada, CAD

A Dual Interface Interac debit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.

1.8.1 CVM List (Contact) - AID A0000002771010, Interac (EMV)

Cardholder Verification Method List ('0403 0103 0203')			
CVM	Verification Method	Conditions	If unsuccessful
1	Offline Enciphered PIN	Terminal supports CVM type	Fail
2	Offline Plaintext PIN	Terminal supports CVM type	Fail
3	Online PIN	Terminal supports CVM type	Fail

1.8.2 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)

1.9 INTERAC 02 – DI, Debit, English, Canada, CAD

A Dual Interface Interac debit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.

1.9.1 CVM List (Contact) - AID A0000002771010, Interac (EMV)

Cardholder Verification Method List ('0403 0103 0203')			
CVM	Verification Method	Conditions	If unsuccessful
1	Offline Enciphered PIN	Terminal supports CVM type	Fail
2	Offline Plaintext PIN	Terminal supports CVM type	Fail
3	Online PIN	Terminal supports CVM type	Fail

1.9.2 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)

1.10 INTERAC 03 – DI, Debit, French, Canada, CAD

A Dual Interface Interac debit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.

1.10.1 CVM List (Contact) - AID A0000002771010, Interac (EMV)

1.10.2 CVM List (Contact) - AID A0000002771010, Interac (EMV)

Cardholder Verification Method List ('0403 0103 0203')			
CVM	Verification Method	Conditions	If unsuccessful
1	Offline Enciphered PIN	Terminal supports CVM type	Fail
2	Offline Plaintext PIN	Terminal supports CVM type	Fail
3	Online PIN	Terminal supports CVM type	Fail

1.10.3 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)

1.11 INTERAC 04 – DI, Debit, French, Canada, CAD

A Dual Interface Interac debit card with Issuer Country Code of 'Canada' and Currency Code of 'CAD'.

The recommended transaction amount to generate a host approval is \$10.

1.11.1 CVM List (Contact) - AID A0000002771010, Interac (EMV)

Cardholder Verification Method List ('0403 0103 0203')			
CVM	Verification Method	Conditions	If unsuccessful
1	Offline Enciphered PIN	Terminal supports CVM type	Fail
2	Offline Plaintext PIN	Terminal supports CVM type	Fail
3	Online PIN	Terminal supports CVM type	Fail

1.11.2 No CVM List (CTLS) - AID A0000002771010, Interac (Flash)