



Merchants Distributors, Inc.

V-Control Segments EDI Documentation Mapping

**UCS
Version 4010**

12/10/10 3:36:31 PM

V-Control Segments

VERSION/RELEASE = **004010UCS**

The control segments defined in this document include the Headers and Trailers for each transmission, functional group, transaction set and bounded loop. V-Control Segment documentation is for use within Electronic Data Interchange (EDI) environment for Merchants Distributors, INC. (MDI).

ISA Interchange Control Header:

SEGMENT: ISA

USAGE: Mandatory

MAX USE: 1

LOOP: N/A

PURPOSE: To start and identify an interchange of zero or more functional groups and interchange-related control segments.

Reference Designator	Data Element	Name	Min/Max	Data Type	Values
ISA01	I01	Author Info Qualifier	2/2	ID	See Guidelines
ISA02	I02	Author Information	10/10	AN	Not Used
ISA03	I03	Security Info Qualifier	2/2	ID	00
ISA04	I04	Security Information	10/10	AN	Not Used
ISA05	I05	Interchange ID Qualifier	2/2	ID	See Guidelines
ISA06	I06	Interchange Sender ID	15/15	AN	See Guidelines
ISA07	I05	Interchange ID Qualifier	2/2	ID	See Guidelines
ISA08	I07	Interchange Receiver ID	15/15	AN	See Guidelines
ISA09	I08	Interchange Date	6/6	DT	See Guidelines
ISA10	I09	Interchange Time	4/4	TM	See Guidelines
ISA11	I10	Interchange Control Standard Identifier	1/1	ID	See Guidelines
ISA12	I11	Interchange Control Version Number	5/5	ID	See Guidelines
ISA13	I12	Interchange Control Number	9/9	N0	See Guidelines
ISA14	I13	Acknowledgement Requested	1/1	ID	See Guidelines
ISA15	I14	Test/Production Indicator	1/1	ID	See Guidelines
ISA16	I15	Component Element Separator	1/1		See Guidelines

Guidelines:

ISA01 Code Value(s):

00 No Authorization Information Present (No Meaningful Information in I02)

ISA02 should be blank filled.

ISA03 Code Value(s):

00 No Security Information Present (No Meaningful Information in I04)

01 Password

ISA04 contains the UCS Communications Password that has been assigned by the receiver of the transmission when ISA03 contains code 01.

ISA04 should be blank filled when ISA03 contains code 00.

ISA05 is used to define the code used in ISA06.

ISA05 Code Value(s): Sender Qualifier

01 08 09 12 ZZ

ISA06 is the identification code described by ISA05. Left justified, blank fill.

ISA07 is used to define the code used in ISA08.

ISA07 Code Value(s):

01 08 09 12 ZZ

ISA Interchange Control Header:

Continued from previous page

SEGMENT: ISA

USAGE: Mandatory

MAX USE: 1

LOOP: N/A

PURPOSE: To start and identify an interchange of zero or more functional groups and interchange-related control segments.

ISA08 is the identification code described by ISA07. It should be left justified and blank filled.

ISA09 is the date the interchange was created in the sender's system; submit date.

Format is YYMMDD.

ISA10 is the time the interchange was created in the sender's system; submit time.

The format is HHMM; 24 hour clock.

ISA11 Code Value(s):

U U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 is the version number for the envelope only. It is not the same as the version number in the GS segments.

ISA12 Code Value(s):

00307 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996

ISA14 is not the same as the functional group acknowledgment and the distribution and warehousing industry is not using transmission acknowledgments.

ISA14 Code Value(s):

0 No Acknowledgment Requested

ISA15 is valuable for start-up system tests. The indicator applies to the entire transmission.

ISA15 Code Value(s):

P Production Data

T Test Data

ISA16 code value identified for distribution and warehousing use is:

">" - HEX 6E in EBCDIC

IEA Interchange Control Trailer:

SEGMENT: IEA

USAGE: Mandatory

MAX USE: 1

LOOP: N/A

PURPOSE: To define the end of an interchange of zero or more functional groups and interchange-related control segments.

Reference Designator	Data Element	Name	Min/Max Data Type		Values
IEA01	I16	Number of Included Functional Groups	1/5	N0	See Guidelines
IEA02	I12	Interchange Control Number	9/9	N0	See Guidelines

Guidelines:

IEA01 contains the count of GS segments within the transmission.

IEA02 must be the same number as in the ISA segment (ISA13) for the transmission.

SEGMENT: GS

USAGE: Mandatory

MAX USE: 1

LOOP: N/A

PURPOSE: To indicate the beginning of a functional group and to provide control information

Reference Designator	Data Element	Name	Min/Max Data Type	Values
GS01	479	Functional ID Code	2/2 ID	
GS02	142	Application Sender's Code	2/15 AN	
GS03	124	Application Receiver's Code	2/15 A N	
GS04	373	Date	8/8 DT	See Semantic
GS05	337	Time	4/8 TM	See Guidelines
GS06	28	Group Control Number	1/9 N0	See Semantic
GS07	455	Responsible Agency Code	1/2 ID	See Guidelines
GS08	480	Version/Release ID Code	1/12 AN	See Guidelines

Semantic:

- 1 GS04 is the group date.
- 2 GS05 is the group time.
- 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

A A functional group of related transaction sets, within the scope of X12 standards, consists of A collection of similar transaction sets enclosed by a functional group header and a Functional group trailer.

Guidelines:

- GS05 Format for MDI must be HHMM ONLY.
- GS07 Format for MDI must be T for Agency.
- GS08 must be formatted with the Version Release Number in Positions 1 through 6 And UCS in Positions 7 through 9, e.g., 004010UCS.

SEGMENT: GE

USAGE: Mandatory

MAX USE: 1

LOOP: N/A

PURPOSE: To indicate the end of a functional group and to provide control information.

Reference Designator	Data Element	Name	Min/Max Data Type		Values
GE01	97	Number of TS Included	1/6	N0	See Guidelines
GE02	28	Group Control Number	1/9	N0	See Guidelines

Guidelines:

The group control number (GE02) is the same as that used in the corresponding Header (GS06).