Record Type DT_Head (Continued)

Comment

Required:	No	
Data Type and Size:	character(64)	
Columns:	14-77	
Valid Values:	Free Comment up to 64 character	
Default Value:	Blancs	
Dependencies:	No	
Description:	comment 0 - 64 characters	
Field for SDM entry:	Form:	Decision Table Definition Form
	Component:	
	Field:	Comment

Condition Line Data for Decision Tables

Record Type DT_Cond_Line

CondLine

Required:	Yes
Data Type and Size:	number(2)
Columns:	9 -10
Valid Values:	(1,2,3-..)
Default Value:	0
Dependencies:	The number must be unique over this decision table
Description:	condition line number

Record Type DT_Cond_Line (Continued)

Codeword

Required:	Yes
Data Type and Size:	number(3)
Columns:	12 - 14
Valid Values:	‘CowoMin’ .. ‘CowoMax’
Default Value:	‘CowoMin’
Dependencies:	Must be among the data sets in `DT_COWO_NAME`
Description:	Number of the assigned codeword (database key for `DT_COWO_NAME`).

Locking Condition

Required:	No
Data Type and Size:	character(1)
Columns:	65- 65
Valid Values:	‘U’(nlock)
Default Value:	‘ ’
Dependencies:	NcDeTa only
Description:	‘U’- report may be unlocked

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Superior Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	U
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	U
	Form:	Local Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	U
	Form:	Function Specific Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	U

Record Type DT_Cond_Line (Continued)

Report

Required:	No
Data Type and Size:	number(4)
Columns:	69- 72
Valid Values:	(1,2,3-..), existing in SVCTEXT
Default Value:	‘ ’
Dependencies:	NcDeTa only
Description:	Number of the assigned report text (database key for SVCTEXT)

Record Type DT_Cond_Line (Continued)

Abbreviation

Required:	Yes
Data Type and Size:	varchar2(8)
Columns:	74- 81
Valid Values:	
Default Value:	‘ ‘
Dependencies:	No
Description:	Abbreviations used in condline

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Circuit Specific Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Abbreviation
	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Abbreviation
	Form:	Superior Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Abbreviation
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Abbreviation
	Form:	Local Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Abbreviation
	Form:	Function Specific Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Abbreviation

Record Type DT_Cond_Line (Continued)

B1

Required:	Yes (in global (1:1) decision tables and depending on ‘Cowo’ too
Data Type and Size:	varchar2(8)
Columns:	20- 27
Valid Values:	existing in B1Name
Default Value:	‘ ’
Dependencies:	No
Description:	

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	B1-Name
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	B1 Name

Record Type DT_Cond_Line (Continued)

B2

Required:	Yes (in global (1:1) decision tables and depending on ‘Cowo’ too
Data Type and Size:	varchar2(8)
Columns:	29- 36
Valid Values:	existing in B2Name
Default Value:	‘ ’
Dependencies:	B1 is necessary
Description:	

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	B2-Name
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	B2 Name

Record Type DT_Cond_Line (Continued)

B3

Required:	Yes (in global (1:1) decision tables and depending on ‘Cowo’ too)
Data Type and Size:	varchar2(8)
Columns:	38- 45
Valid Values:	existing in B3Name
Default Value:	‘ ’
Dependencies:	B1 and B2 are necessary
Description:	

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	B3-Name
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	B3 Name

Record Type DT_Cond_Line (Continued)

Elem

Required:	Use of Attributes depending on ‘Cowo’
Data Type and Size:	varchar2(8)
Columns:	47- 54
Valid Values:	existing in ElName
Default Value:	‘ ’
Dependencies:	No

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Circuit Specific Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Element Name
	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Element Name
	Form:	Superior Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Element Name
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Element Name
	Form:	Local Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Element Name
	Form:	Function Specific Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Element Name

Record Type DT_Cond_Line (Continued)

Info

Required:	Use of Attributes depending on ‘Cowo’
Data Type and Size:	varchar2(8)
Columns:	56- 63
Valid Values:	existing in InName
Default Value:	‘ ’
Dependencies:	Elem is necessary
Description:	

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Circuit Specific Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info Name
	Form:	Element Specific Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info-Name
	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info Name
	Form:	Superior Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info Name
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info Name
	Form:	Local Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info Name
	Form:	Function Specific Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	Info Name

Record Type DT_Cond_Line (Continued)

InfoNr

Required:	Yes
Data Type and Size:	number(3)
Columns:	16 - 18
Valid Values:	existing in NEDE
Default Value:	
Dependencies:	CoElDT only
Description:	Number of the assigned standard element (database key for `NEDE`)

Knowncond

Required:	Yes
Data Type and Size:	character(1)
Columns:	67- 67
Valid Values:	‘F’
Default Value:	‘ ’
Dependencies:	NcDeTa only
Description:	defines filter lines

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Superior Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	F
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	F
	Form:	Local Area Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	F
	Form:	Function Specific Interlocking Conditions Form
	Worksheet/Window:	Parameters Worksheet
	Component:	
	Field:	F

DT_RULE - Rule Description

Record Type DT_Rule

Rule

Required:	Yes
Data Type and Size:	number(2)
Columns:	9 - 10
Valid Values:	1, 2, 3- ....
Default Value:	‘’
Dependencies:	
Description:	number of rule

Attribute

Required:	Yes
Data Type and Size:	number(2)
Columns:	12 -13
Valid Values:	> 0
Default Value:	
Dependencies:	only for dtcoed, dtcoeled
Description:	alternative for attribute group (MEDI)

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Circuit Specific Combinations Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Alternative
	Form:	Element Specific Combinations Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Alternative
	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Alternative

DT_Cond - Condition

Record Type DT_Cond

ConditionLine

Required:	Yes
Data Type and Size:	number(2)
Columns:	12 -13
Valid Values:	> 0
Default Value:	‘1’
Dependencies:	
Description:	number of condition line

Rule

Required:	Yes
Data Type and Size:	number(2)
Columns:	9 - 10
Valid Values:	> 0
Default Value:	‘1’
Dependencies:	
Description:	number of rule

Record Type DT_Cond (Continued)

Condition

Required:	Yes
Data Type and Size:	character(8)
Columns:	15 -22
Valid Values:	
Default Value:	
Dependencies:	
Description:	

☞ *Note: The field for SDM entry depends on the decision table type!*

Field for SDM entry:	Form:	Circuit Specific Combinations Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>
	Form:	Element Specific Combinations Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>
	Form:	Individual (1:1) Combinations Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>
	Form:	Superior Interlocking Conditions Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>
	Form:	Global Area Interlocking Conditions Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>
	Form:	Local Area Interlocking Conditions Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>
	Form:	Function Specific Interlocking Conditions Form
	Worksheet/Window:	Rules Worksheet
	Component:	
	Field:	Rule <n>

Application Data Characteristic Groups Hierarchy

Application Data Characteristic Group Record

The application data characteristic group record (CHGR record) can be used to define a “family” of X/Y curves (application data characteristics) which describe the characteristic of a value (e.g., if a certain characteristic has been assigned to an application data info, it describes the characteristic of that application data info).

One CHGR record is required for each application data characteristic group.

Record Type CHGR - Application Data Characteristic Group

Characteristic Group Name

Required:	Yes	
Data Type and Size:	character(16)	
Columns:	9 - 24	
Valid Values:		
Description:	Name of application data characteristic group.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Component:	Application Data Characteristic Groups Tabular List
	Field:	Name

Characteristic Group Number

Required:	Yes	
Data Type and Size:	number(3)	
Columns:	26 - 28	
Valid Values:	> 0 (zero)	
Description:	Number of the respective application data characteristic group.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Component:	Application Data Characteristic Groups Tabular List
	Field:	GrNo.

Record Type CHGRA - Application Data Characteristic Group

Group Title

Required:	Yes	
Data Type and Size:	character(40)	
Columns:	9 - 48	
Valid Values:	Character string.	
Description:	Title of the respective application data characteristic group.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Component:	Application Data Characteristic Groups Tabular List
	Field:	Title

Group Slope

Required:	Yes	
Data Type and Size:	character(14)	
Columns:	50 - 63	
Valid Values:	`FreeSlope`, `FreeCont`, `Increasing`, `IncrStrict`, `IncrCont`, `IncrStrictCont`, `Decreasing`, `DecrStrict`, `DecrCont`, `DecrStrictCont`	
Description:	Group slope of the respective application data characteristic group.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Application Data Characteristics Worksheet
	Component:	Characteristic Group Attributes Block
	Field:	Group Slope

Record Type CHGRA - Application Data Characteristic Group (Continued)

Abscisse

Required:	Yes	
Data Type and Size:	character(6)	
Columns:	65 - 70	
Valid Values:	SameX OtherX	
Description:	Method of abscissa specification	
Field for SDM entry:	Form: Worksheet/Window: Component: Field:	Application Data Characteristic Groups Form Application Data Characteristics Worksheet Characteristic Group Attributes Block Abscisse

Size

Required:	Yes	
Data Type and Size:	character(9)	
Columns:	72 - 80	
Valid Values:	Unlimited Limited	
Description:	Size restriction (limited size or unlimited size).	
Field for SDM entry:	Form: Worksheet/Window: Component: Field:	Application Data Characteristic Groups Form Application Data Characteristics Worksheet Characteristic Group Attributes Block Size

Application Data Characteristic Record

This record type is only applicable if the preceding record defines an application data characteristic group (record type CHGR). One CHAR record is required for every application data characteristic of the parent application data characteristic group.

Record Type CHAR - Application Data Characteristic

Characteristic Number

Required:	Yes	
Data Type and Size:	number(3)	
Columns:	9 - 11	
Valid Values:	> 0 (zero)	
Description:	Number of the respective application data characteristic.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Application Data Characteristics Worksheet
	Component:	Application Data Characteristics Tabular List
	Field:	Number

Characteristic Title

Required:	Yes	
Data Type and Size:	character(40)	
Columns:	13 - 52	
Valid Values:	Character string.	
Description:	Title of the respective application data characteristic.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Application Data Characteristics Worksheet
	Component:	Application Data Characteristics Tabular List
	Field:	Title

Record Type CHAR - Application Data Characteristic (Continued)

Characteristic Type

Required:	Yes	
Data Type and Size:	character(11)	
Columns:	54 - 64	
Valid Values:	Discrete DiscreteAdI	
Description:	Type of the respective application data characteristic.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Application Data Characteristics Worksheet
	Component:	Application Data Characteristics Tabular List
	Field:	Type

Record Type CHAR - Application Data Characteristic (Continued)

Characteristic Slope

Required: Yes

Data Type and Size: character(14)

Columns: 66 - 79

Valid Values: Depend on the attribute Group Slope of the parent application data characteristic group:

Group Slope	Valid Values for Characteristic Slope
FreeSlope	FreeSlope, FreeCont, Increasing, IncrStrict, IncrCont, IncrStrictCont, Decreasing, DecrStrict, DecrCont, DecrStrictCont
FreeCont	FreeSlope, IncrCont, IncrStrictCont, DecrCont, DecrStrictCont
Increasing	Increasing, IncrStrict, IncrCont, IncrStrictCont
IncrStrict	IncrStrict, IncrStrictCont
IncrCont	IncrCont, IncrStrictCont
IncrStrictCont	IncrStrictCont
Decreasing	Decreasing, DecrStrict, DecrCont, DecrStrictCont
DecrStrict	DecrStrict, DecrStrictCont
DecrCont	DecrCont, DecrStrictCont
DecrStrictCont	DecrStrictCont

Dependencies: The value of the characteristic group attribute Group Slope (see description on page 466) restricts the valid characteristic slope values.

Description: Slope of the respective application data characteristic.

Field for SDM entry:

Form:	Application Data Characteristic Groups Form
Worksheet/Window:	Application Data Characteristics Worksheet
Component:	Application Data Characteristics Tabular List
Field:	Slope

Record Type CHARA - Application Data Characteristic

Value Z

Required:	Yes	
Data Type and Size:	number(10.10)	
Columns:	9 - 29	
Valid Values:	Real value	
Description:	Third dimension value for access to application data characteristic.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Application Data Characteristics Worksheet
	Component:	Application Data Characteristics Tabular List
	Field:	Value Z

Integration Constant

Required:	Yes	
Data Type and Size:	number(10.10)	
Columns:	31 - 51	
Valid Values:	Real value	
Description:	Integration constant.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Application Data Characteristics Worksheet
	Component:	Application Data Characteristics Tabular List
	Field:	Int. Constant

Application Data Characteristic Segment Record

This record type is only applicable if the preceding record defines an application data characteristic (record type CHAR). One CHSEGM record is required for every application data characteristic segment of the parent application data characteristic.

Record Type CHSEGM - Application Data Characteristic Segment

Segment Number

Required:	Yes	
Data Type and Size:	number(3)	
Columns:	9 - 11	
Valid Values:	> 0 (zero)	
Description:	Characteristic segment number.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Characteristic Segments Worksheet
	Component:	Characteristic Segments Tabular List
	Field:	Segment

Record Type CHSEGM - Application Data Characteristic Segment (Continued)

Segment Starting Point (X-coordinate)

Required:	Yes
Data Type and Size:	number(21)
Columns:	13 - 33
Valid Values:	The valid values depend on the attribute Abscisse of the respective application data characteristic group:

Abscisse	Valid Values for Segment Starting Point (X-coordinate)
`SameX`	each characteristic segment of a given application data characteristic group must have the same X-coordinate value
`OtherX`	the characteristic segments in a given application data characteristic group may have different X-coordinate values

Dependencies:	The value of the characteristic group attribute Abscisse (see description of the attribute 'Abscisse' on page 467) restricts the valid X-coordinate values for the segment starting point.
Description:	X-coordinate for segment starting point.
Field for SDM entry:	Form: Application Data Characteristic Groups Form Worksheet/Window: Characteristic Segments Worksheet Component: Characteristic Segments Tabular List Field: X-Begin

Record Type CHSEGM - Application Data Characteristic Segment (Continued)

Segment Starting Point (Y-coordinate)

Required:	Yes
Data Type and Size:	number(21)
Columns:	35 - 55
Valid Values:	The valid values depend on the attribute Characteristic Slope of the respective application data characteristic:

Characteristic Slope	Valid Values for Y-coordinate

`FreeCont`
`IncrCont`
`IncrStrictCont`
`DecrCont`
`DecrStrictCont`
	Y-coordinate value must be identical with Y-coordinate value of the segment end point of the previous segment.

all other values	Y-coordinate value needs not to be identical with Y-coordinate value of the segment end point of the previous segment.

Dependencies:	The value of the attribute Characteristic Slope (see description of the attribute 'Characteristic Slope' on page 470) restricts the valid Y-coordinate values for the segment starting point.
Description:	Y-coordinate for segment starting point.

Field for SDM entry:		
	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Characteristic Segments Worksheet
	Component:	Characteristic Segments Tabular List
	Field:	Y-Begin

Record Type CHSEGM - Application Data Characteristic Segment (Continued)

Additional value

Required:	Yes
Data Type and Size:	number(21)
Columns:	57 - 77
Valid Values:	The valid values depend on the attribute Characteristic Type of the respective application data characteristic:

Characteristic Type	Valid Values
`Discrete`	Additional value is empty

Dependencies:	The value of the attribute Characteristic Type (see description of the attribute 'Characteristic Type' on page 469) restricts the valid additional values.	
Description:	Additional characteristic segment point.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Characteristic Segments Worksheet
	Component:	Characteristic Segments Tabular List
	Field:	Additional

Record Type CHSEGMA - Application Data Characteristic Segment

Segment End Point (X-coordinate)

Required:	Yes	
Data Type and Size:	number(10.10)	
Columns:	9 - 29	
Valid Values:	Real value; must be > value of attribute Segment Starting Point (X-coordinate)	
Dependencies:	Attribute value must be greater than value of attribute Segment Starting Point (X-coordinate)	
Description:	X-coordinate for segment end point.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Characteristic Segments Worksheet
	Component:	Characteristic Segments Tabular List
	Field:	X-End

Record Type CHSEGMA - Application Data Characteristic Segment (Continued)

Segment End Point (Y-coordinate)

Required:	Yes
Data Type and Size:	number(10.10)
Columns:	31 - 51
Valid Values:	Real value; The valid values depend on the attribute Characteristic Slope of the respective application data characteristic:

Characteristic Slope	Valid Values

`Increasing`
`IncrStrict`
`IncrCont`
`IncrStrictCont`
	in these 4 cases, the value must be greater than the value of the attribute Segment Starting Point (Y-coordinate)

`Decreasing`
`DecrStrict`
`DecrCont`
`DecrStrictCont`
	in these 4 cases, the value must be smaller than the value of the attribute Segment Starting Point (Y-coordinate)

Dependencies:	The value of the attribute Characteristic Slope (see description of the attribute 'Characteristic Slope' on page 470) restricts the valid Y-coordinate values for the segment end point.	
Description:	Y-coordinate for segment end point.	
Field for SDM entry:	Form:	Application Data Characteristic Groups Form
	Worksheet/Window:	Characteristic Segments Worksheet
	Component:	Characteristic Segments Tabular List
	Field:	Y-End

Schedule Hierarchy

Schedule Record

The SCHED record can be used to define application data schedules. One SCHED record is required for each application data schedule.

Record Type SCHED - Schedule

Schedule Element

Required:	Yes
Data Type and Size:	character(8)
Columns:	9 - 16
Valid Values:	Name of an application data element.
Dependencies:	Element name must identify an application data element available in the column `ADElemName` of the source database table `AD_INFO_DEF`.
Description:	Name of the application data element to which the which schedule has been assigned.

Schedule name

Required:	Yes
Data Type and Size:	character(25)
Columns:	18 - 42
Valid Values:	A character string.
Description:	Name of schedule type.

Schedule Info

Required:	Yes
Data Type and Size:	character(8)
Columns:	51 - 58
Valid Values:	Name of an application data info
Dependencies:	Info name must identify an application data info available in the column `ADInfoName` of the source database table `AD_INFO_DEF`.
Description:	Name of the application data info to which the which schedule has been assigned.

Record Type SCHED - Schedule (Continued)

Sequence Period

Required:	Yes	
Data Type and Size:	number(32)	
Columns:	60 - 91	
Valid Values:	> 0 (zero)	
Dependencies:	The attributes Past (see description on page 479), Future and Sequence Period (see description on page 478) restrict the valid values of the attribute Maximum Rows (see description on page 479).	
Description:	Time period in seconds between two schedule entries.	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Time Range Configuration Block
	Field:	Period

Record Type SCHEDA - Schedule

Future

Required:	Yes	
Data Type and Size:	number(32)	
Columns:	9 - 40	
Valid Values:	> 0 (zero)	
Description:	Schedule time range in the future (in seconds, relative to current time).	
Dependencies:	The attributes Past (see description on page 479), Future and Sequence Period (see description on page 478) restrict the valid values of the attribute Maximum Rows (see description on page 479).	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Time Range Configuration Block
	Field:	Future

Record Type SCHEDA - Schedule (Continued)

Past

Required:	Yes	
Data Type and Size:	number(32)	
Columns:	42 - 73	
Valid Values:	> 0 (zero)	
Dependencies:	The attributes Past (see description on page 479), Future and Sequence Period (see description on page 478) restrict the valid values of the attribute Maximum Rows (see description on page 479).	
Description:	Schedule time range in the past (in seconds, relative to current time).	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Time Range Configuration Block
	Field:	Past

Record Type SCHEDB - Schedule

Maximum Rows

Required:	Yes
Data Type and Size:	number(32)
Columns:	9 - 40
Valid Values:	The valid value is: (Past + Future) / Sequence Period
Dependencies:	The valid attribute value is calculated from the values of the attributes Past (see description on page 479), Future (see description on page 478) and Sequence Period (see description on page 478).
Description:	Maximum number of rows in schedule.

Record Type SCHEDB - Schedule (Continued)

Offset

Required:	Yes	
Data Type and Size:	number(4)	
Columns:	42 - 45	
Valid Values:	`-3`, `-2`, `-1`, `0`, `1`, `2`, `3`	
Default Value:	`0` (zero)	
Description:	Schedule entry offset for update of application data infos.	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Offset

Name of Next or Previous Info 1

Required:	Yes	
Data Type and Size:	character(8)	
Columns:	47 - 54	
Valid Values:	Name of an application data info.	
Dependencies:	Info name must identify an application data info available in the source database table `AD_INFO`. The application data info must have been assigned to the parent application data element.	
Description:	Name of an application data info to be updated by the value of the schedule entry specified by the attribute Offset (see description of attribute Offset on page 480, too).	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Info 0

Record Type SCHEDB - Schedule (Continued)

Name of Next or Previous Info 2

Required:	Yes	
Data Type and Size:	character(8)	
Columns:	56 - 63	
Valid Values:	Name of an application data info.	
Dependencies:	Info name must identify an application data info available in the source database table AD_INFO. The application data info must have been assigned to the parent application data element.	
Description:	Name of an application data info to be updated by the value of the schedule entry specified by the attribute Offset + 1 (see description of attribute Offset on page 480, too).	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Info +1

Name of Next or Previous Info 3

Required:	Yes	
Data Type and Size:	character(8)	
Columns:	65 - 72	
Valid Values:	Name of an application data info.	
Dependencies:	Info name must identify an application data info available in the source database table AD_INFO. The application data info must have been assigned to the parent application data element.	
Description:	Name of an application data info to be updated by the value of the schedule entry specified by the attribute Offset + 2 (see description of attribute Offset on page 480, too).	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Info +2

Record Type SCHEDC - Schedule

Update Period

Required:	Yes	
Data Type and Size:	number(32)	
Columns:	9 - 40	
Valid Values:	> `0` (zero)	
Description:	Update period in seconds.	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Period

Validation

Required:	Yes	
Data Type and Size:	character(14)	
Columns:	42 - 55	
Valid Values:	`sliding_window` `round_robin`	
Description:	Organization of the schedule.	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Validation

Interpolation

Required:	Yes	
Data Type and Size:	character(6)	
Columns:	57 - 62	
Valid Values:	`linear` `step`	
Description:	Interpolation method.	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Interpolation

Record Type SCHEDC - Schedule (Continued)

Data type

Required:	Yes	
Data Type and Size:	character(13)	
Columns:	64 - 76	
Valid Values:	`analog+time`, `counter+time`, `status+time`, `real+time`, `longreal+time`, `integer+time`, `anlong+time`, `analog`, `counter`, `status`, `real`, `longreal`, `integer`, `anlong`	
Description:	Data type of the schedule entry.	
Field for SDM entry:	Form:	Schedule Form
	Component:	Schedule Configuration Block
	Field:	Data Type

Attribute Groups Hierarchy

Attribute Group Record

ATTRGR records can be used to define attribute groups. One ATTRGR record is required for each attribute group.

Record Type ATTRGR- Attribute Group

Attribute Group Number

Required:	Yes
Data Type and Size:	integer(3)
Columns:	9 - 11
Valid Values:	Integer value (0 ... 999)
Dependencies:	Attribute group number must be unique among all other attribute group numbers available in the database.
Description:	Number of the respective attribute group.

Attribute Group Name

Required:	Yes
Data Type and Size:	character(8)
Columns:	13 - 20
Valid Values:	Character String
Dependencies:	Attribute group name must be unique among all other attribute group names available in the database.
Description:	Name of the respective attribute group.

Record Type ATTRGRA- Attribute Group

Comment

Required:	Yes
Data Type and Size:	character(80)
Columns:	9 - 88
Valid Values:	Character String
Description:	Comment for the respective attribute group.

Attribute Alternative Record

This record type is only applicable if the preceding record defines an attribute group (record type ATTRGR). One ATTRALT record is required for every attribute alternatives of the parent attribute group..

Record Type ATTRALT - Attribute Alternative

Alternative Number

Required:	Yes
Data Type and Size:	integer(3)
Columns:	9 - 11
Valid Values:	Integer value (0 ... 999)
Dependencies:	Attribute alternative number must be unique among all other attribute alternative numbers of the parent attribute group.
Description:	Number of the respective attribute alternative.

Color

Required:	Yes
Data Type and Size:	integer(3)
Columns:	13 - 15
Valid Values:	Integer value (0 ...255)
Description:	Number of the color specified by the attribute alternative.

Figure Groups Hierarchy

Figure Group Record

FIGRGR records can be used to define attribute groups. One FIGRGR record is required for each attribute group.

Record Type FIGRGR - Figure Group

Figure Group Number

Required:	Yes
Data Type and Size:	integer(3)
Columns:	9 - 11
Valid Values:	Integer value (`0` ... `999`)
Dependencies:	Figure group number must be unique among all other figure group numbers available in the database.
Description:	Number of the respective figure group.

Figure Group Name

Required:	Yes
Data Type and Size:	character(8)
Columns:	13 - 20
Valid Values:	Character String
Dependencies:	Figure group name must be unique among all other figure group names available in the database.
Description:	Name of the respective figure group.

Record Type FIGRGRA - Figure Group

Comment

Required:	Yes
Data Type and Size:	character(80)
Columns:	9 - 88
Valid Values:	Character String
Description:	Comment for the respective figure group.

Figure Alternative Record

This record type is only applicable if the preceding record defines a figure group (record type FIGRGR). One FIGRALTrecord is required for every attribute alternatives of the parent attribute group..

Record Type FIGRALT - Figure Alternative

Alternative Number

Required:	Yes
Data Type and Size:	integer(3)
Columns:	9 - 11
Valid Values:	Integer value (`0` ... `999`)
Dependencies:	Figure alternative number must be unique among all other figure alternative numbers of the parent figure group.
Description:	Number of the respective figure alternative.

Record Type FIGRALT - Figure Alternative (Continued)

Figure

Required:	Yes
Data Type and Size:	integer(3)
Columns:	13 - 15
Valid Values:	Integer value (0 ...999)
Dependencies:	Attribute value must identify a figure available in the database.
Description:	Number of the figure specified by the figure alternative.