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(\*\*\* The IEC 61131-3 standard functions \*\*\*)

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(\*\*\* Auto-generated file. Do not edit! \*\*\*)

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{disable code generation}

FUNCTION BYTE\_TO\_REAL : REAL VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_LREAL : LREAL VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_SINT : SINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_INT : INT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_DINT : DINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_LINT : LINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_USINT : USINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_UINT : UINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_UDINT : UDINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_ULINT : ULINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_REAL : REAL VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_LREAL : LREAL VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_SINT : SINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_INT : INT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_DINT : DINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_LINT : LINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_USINT : USINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_UINT : UINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_UDINT : UDINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_ULINT : ULINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_REAL : REAL VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_LREAL : LREAL VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_SINT : SINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_INT : INT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_DINT : DINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_LINT : LINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_USINT : USINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_UINT : UINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_UDINT : UDINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_ULINT : ULINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_REAL : REAL VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_LREAL : LREAL VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_SINT : SINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_INT : INT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_DINT : DINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_LINT : LINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_USINT : USINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_UINT : UINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_UDINT : UDINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_ULINT : ULINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_REAL : REAL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_LREAL : LREAL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_SINT : SINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_INT : INT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_DINT : DINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_LINT : LINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_USINT : USINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_UINT : UINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_UDINT : UDINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_ULINT : ULINT VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_BYTE : BYTE VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_WORD : WORD VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_DWORD : DWORD VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_LWORD : LWORD VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_BOOL : BOOL VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_BYTE : BYTE VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_WORD : WORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_DWORD : DWORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_LWORD : LWORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_BOOL : BOOL VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_BYTE : BYTE VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_WORD : WORD VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

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FUNCTION DWORD\_TO\_LWORD : LWORD VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_BOOL : BOOL VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_BYTE : BYTE VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

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FUNCTION LWORD\_TO\_LWORD : LWORD VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_BOOL : BOOL VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_BYTE : BYTE VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_WORD : WORD VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_DWORD : DWORD VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_LWORD : LWORD VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_BOOL : BOOL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_LREAL : LREAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_SINT : SINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_INT : INT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_DINT : DINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

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FUNCTION REAL\_TO\_UDINT : UDINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

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FUNCTION REAL\_TO\_BOOL : BOOL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LREAL\_TO\_BYTE : BYTE VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

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FUNCTION LREAL\_TO\_BOOL : BOOL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SINT\_TO\_BYTE : BYTE VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

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FUNCTION SINT\_TO\_LWORD : LWORD VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SINT\_TO\_BOOL : BOOL VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INT\_TO\_BYTE : BYTE VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INT\_TO\_WORD : WORD VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

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FUNCTION INT\_TO\_LWORD : LWORD VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INT\_TO\_BOOL : BOOL VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DINT\_TO\_BYTE : BYTE VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

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FUNCTION LINT\_TO\_BOOL : BOOL VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BYTE : BYTE VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_WORD : WORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_DWORD : DWORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_LWORD : LWORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BOOL : BOOL VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BYTE : BYTE VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_WORD : WORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_DWORD : DWORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_LWORD : LWORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BOOL : BOOL VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BYTE : BYTE VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_WORD : WORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_DWORD : DWORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_LWORD : LWORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BOOL : BOOL VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BYTE : BYTE VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_WORD : WORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_DWORD : DWORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_LWORD : LWORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BOOL : BOOL VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_TIME : TIME VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_TIME : TIME VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_TIME : TIME VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_TIME : TIME VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_TIME : TIME VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_TIME : TIME VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LREAL\_TO\_TIME : TIME VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SINT\_TO\_TIME : TIME VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INT\_TO\_TIME : TIME VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DINT\_TO\_TIME : TIME VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LINT\_TO\_TIME : TIME VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_TIME : TIME VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_TIME : TIME VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

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FUNCTION BYTE\_TO\_DATE : DATE VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

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FUNCTION LWORD\_TO\_DATE : DATE VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

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FUNCTION REAL\_TO\_DATE : DATE VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

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FUNCTION UINT\_TO\_DATE : DATE VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_TOD : TOD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_DT : DT VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_DATE : DATE VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_TOD : TOD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_DT : DT VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_DATE : DATE VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_TOD : TOD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_DT : DT VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_REAL : REAL VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_LREAL : LREAL VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_SINT : SINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_INT : INT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_DINT : DINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_LINT : LINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_USINT : USINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_UINT : UINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_UDINT : UDINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_ULINT : ULINT VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_BYTE : BYTE VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_WORD : WORD VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_DWORD : DWORD VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_LWORD : LWORD VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_BOOL : BOOL VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_REAL : REAL VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_LREAL : LREAL VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_SINT : SINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_INT : INT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_DINT : DINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_LINT : LINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_USINT : USINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_UINT : UINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_UDINT : UDINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_ULINT : ULINT VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_REAL : REAL VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_LREAL : LREAL VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_SINT : SINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_INT : INT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_DINT : DINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_LINT : LINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_USINT : USINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_UINT : UINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_UDINT : UDINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_ULINT : ULINT VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_REAL : REAL VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_LREAL : LREAL VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_SINT : SINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_INT : INT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_DINT : DINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_LINT : LINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_USINT : USINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_UINT : UINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_UDINT : UDINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_ULINT : ULINT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_BYTE : BYTE VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_WORD : WORD VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_DWORD : DWORD VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_LWORD : LWORD VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_BOOL : BOOL VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_BYTE : BYTE VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_WORD : WORD VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_DWORD : DWORD VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_LWORD : LWORD VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_BOOL : BOOL VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_BYTE : BYTE VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_WORD : WORD VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_DWORD : DWORD VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_LWORD : LWORD VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_BOOL : BOOL VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_DATE : DATE VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_AND\_TIME\_TO\_DATE : DATE VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_DT : DT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_TOD : TOD VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_AND\_TIME\_TO\_TIME\_OF\_DAY : TOD VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_DATE : DATE VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_TOD : TOD VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_TIME : TIME VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_TO\_STRING : STRING VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_TO\_STRING : STRING VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_TO\_STRING : STRING VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_TO\_STRING : STRING VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BOOL\_TO\_STRING : STRING VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION REAL\_TO\_STRING : STRING VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LREAL\_TO\_STRING : STRING VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SINT\_TO\_STRING : STRING VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INT\_TO\_STRING : STRING VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DINT\_TO\_STRING : STRING VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LINT\_TO\_STRING : STRING VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_STRING : STRING VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_STRING : STRING VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_STRING : STRING VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_STRING : STRING VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DATE\_TO\_STRING : STRING VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION TOD\_TO\_STRING : STRING VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DT\_TO\_STRING : STRING VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION TIME\_TO\_STRING : STRING VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_BYTE : BYTE VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_WORD : WORD VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_DWORD : DWORD VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_LWORD : LWORD VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_BOOL : BOOL VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_REAL : REAL VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_LREAL : LREAL VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_SINT : SINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_INT : INT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_DINT : DINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_LINT : LINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_USINT : USINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_UINT : UINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_UDINT : UDINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_ULINT : ULINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_DATE : DATE VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_TOD : TOD VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_DT : DT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION STRING\_TO\_TIME : TIME VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : SINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : INT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : DINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : LINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : USINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : UINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : UDINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : ULINT VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : SINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : INT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : DINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : LINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : USINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : UINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : UDINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TRUNC : ULINT VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD\_BYTE : BYTE VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD : BYTE VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD\_WORD : WORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD : WORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD\_DWORD : DWORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD : DWORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD\_LWORD : LWORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION USINT\_TO\_BCD : LWORD VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD\_BYTE : BYTE VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD : BYTE VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD\_WORD : WORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD : WORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD\_DWORD : DWORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD : DWORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD\_LWORD : LWORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UINT\_TO\_BCD : LWORD VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD\_BYTE : BYTE VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD : BYTE VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD\_WORD : WORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD : WORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD\_DWORD : DWORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD : DWORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD\_LWORD : LWORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION UDINT\_TO\_BCD : LWORD VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD\_BYTE : BYTE VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD : BYTE VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD\_WORD : WORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD : WORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD\_DWORD : DWORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD : DWORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD\_LWORD : LWORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ULINT\_TO\_BCD : LWORD VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_BCD\_TO\_USINT : USINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_USINT : USINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_BCD\_TO\_UINT : UINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UINT : UINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BYTE\_BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_BCD\_TO\_USINT : USINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_USINT : USINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_BCD\_TO\_UINT : UINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UINT : UINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION WORD\_BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_BCD\_TO\_USINT : USINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_USINT : USINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_BCD\_TO\_UINT : UINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UINT : UINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION DWORD\_BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_BCD\_TO\_USINT : USINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_USINT : USINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_BCD\_TO\_UINT : UINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UINT : UINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_UDINT : UDINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LWORD\_BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION BCD\_TO\_ULINT : ULINT VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_SINT : SINT VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : SINT VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_INT : INT VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : INT VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_DINT : DINT VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : DINT VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_LINT : LINT VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : LINT VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_USINT : USINT VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : USINT VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_UINT : UINT VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : UINT VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_UDINT : UDINT VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : UDINT VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS\_ULINT : ULINT VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ABS : ULINT VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SQRT\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SQRT : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SQRT\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SQRT : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LN\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LN : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LN\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LN : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LOG\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LOG : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LOG\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LOG : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXP\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXP : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXP\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXP : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SIN\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SIN : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SIN\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SIN : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION COS\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION COS : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION COS\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION COS : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TAN\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TAN : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TAN\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION TAN : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ASIN\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ASIN : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ASIN\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ASIN : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ACOS\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ACOS : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ACOS\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ACOS : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ATAN\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ATAN : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ATAN\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ATAN : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_REAL : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_LREAL : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_SINT : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_INT : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_DINT : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_LINT : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_USINT : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_UINT : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_UDINT : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_ULINT : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_REAL : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_LREAL : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_SINT : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_INT : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_DINT : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_LINT : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_USINT : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_UINT : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_UDINT : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL\_ULINT : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_REAL : REAL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : REAL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_LREAL : LREAL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : LREAL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_SINT : SINT VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : SINT VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_INT : INT VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : INT VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_DINT : DINT VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : DINT VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_LINT : LINT VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : LINT VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_USINT : USINT VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : USINT VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_UINT : UINT VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : UINT VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_UDINT : UDINT VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : UDINT VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_ULINT : ULINT VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB : ULINT VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_REAL : REAL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : REAL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_LREAL : LREAL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : LREAL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_SINT : SINT VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : SINT VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_INT : INT VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : INT VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_DINT : DINT VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : DINT VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_LINT : LINT VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : LINT VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_USINT : USINT VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : USINT VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_UINT : UINT VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : UINT VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_UDINT : UDINT VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : UDINT VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV\_ULINT : ULINT VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : ULINT VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_SINT : SINT VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : SINT VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_INT : INT VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : INT VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_DINT : DINT VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : DINT VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_LINT : LINT VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : LINT VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_USINT : USINT VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : USINT VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_UINT : UINT VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : UINT VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_UDINT : UDINT VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : UDINT VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD\_ULINT : ULINT VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOD : ULINT VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : REAL VAR\_INPUT IN1 : REAL; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EXPT : LREAL VAR\_INPUT IN1 : LREAL; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_REAL : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : REAL VAR\_INPUT IN : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_LREAL : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : LREAL VAR\_INPUT IN : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_SINT : SINT VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : SINT VAR\_INPUT IN : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_INT : INT VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : INT VAR\_INPUT IN : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_DINT : DINT VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : DINT VAR\_INPUT IN : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_LINT : LINT VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : LINT VAR\_INPUT IN : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_USINT : USINT VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : USINT VAR\_INPUT IN : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_UINT : UINT VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : UINT VAR\_INPUT IN : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_UDINT : UDINT VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : UDINT VAR\_INPUT IN : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_ULINT : ULINT VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : ULINT VAR\_INPUT IN : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_TIME : TIME VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : TIME VAR\_INPUT IN : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_BYTE : BYTE VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : BYTE VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_WORD : WORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : WORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_DWORD : DWORD VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : DWORD VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_LWORD : LWORD VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : LWORD VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_BOOL : BOOL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : BOOL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_STRING : STRING VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : STRING VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_DATE : DATE VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : DATE VAR\_INPUT IN : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_TOD : TOD VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : TOD VAR\_INPUT IN : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE\_DT : DT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MOVE : DT VAR\_INPUT IN : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BYTE VAR\_INPUT IN : BYTE; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : WORD VAR\_INPUT IN : WORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : DWORD VAR\_INPUT IN : DWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : LWORD VAR\_INPUT IN : LWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHL : BOOL VAR\_INPUT IN : BOOL; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BYTE VAR\_INPUT IN : BYTE; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : WORD VAR\_INPUT IN : WORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : DWORD VAR\_INPUT IN : DWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : LWORD VAR\_INPUT IN : LWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SHR : BOOL VAR\_INPUT IN : BOOL; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

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FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BYTE VAR\_INPUT IN : BYTE; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : WORD VAR\_INPUT IN : WORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : DWORD VAR\_INPUT IN : DWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : LWORD VAR\_INPUT IN : LWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROR : BOOL VAR\_INPUT IN : BOOL; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BYTE VAR\_INPUT IN : BYTE; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : WORD VAR\_INPUT IN : WORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : DWORD VAR\_INPUT IN : DWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : LWORD VAR\_INPUT IN : LWORD; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION ROL : BOOL VAR\_INPUT IN : BOOL; N : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND\_BYTE : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND\_WORD : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND\_DWORD : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND\_LWORD : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION AND\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR\_BYTE : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR\_WORD : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR\_DWORD : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR\_LWORD : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION OR\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR\_BYTE : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR\_WORD : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR\_DWORD : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR\_LWORD : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION XOR\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT : BYTE VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT\_BYTE : BYTE VAR\_INPUT IN : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT : WORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT\_WORD : WORD VAR\_INPUT IN : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT : DWORD VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT\_DWORD : DWORD VAR\_INPUT IN : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT : LWORD VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT\_LWORD : LWORD VAR\_INPUT IN : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT : BOOL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NOT\_BOOL : BOOL VAR\_INPUT IN : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : REAL VAR\_INPUT G : BOOL; IN0 : REAL; IN1 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_REAL : REAL VAR\_INPUT G : BOOL; IN0 : REAL; IN1 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : LREAL VAR\_INPUT G : BOOL; IN0 : LREAL; IN1 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_LREAL : LREAL VAR\_INPUT G : BOOL; IN0 : LREAL; IN1 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : SINT VAR\_INPUT G : BOOL; IN0 : SINT; IN1 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_SINT : SINT VAR\_INPUT G : BOOL; IN0 : SINT; IN1 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : INT VAR\_INPUT G : BOOL; IN0 : INT; IN1 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_INT : INT VAR\_INPUT G : BOOL; IN0 : INT; IN1 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : DINT VAR\_INPUT G : BOOL; IN0 : DINT; IN1 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_DINT : DINT VAR\_INPUT G : BOOL; IN0 : DINT; IN1 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : LINT VAR\_INPUT G : BOOL; IN0 : LINT; IN1 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_LINT : LINT VAR\_INPUT G : BOOL; IN0 : LINT; IN1 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : USINT VAR\_INPUT G : BOOL; IN0 : USINT; IN1 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_USINT : USINT VAR\_INPUT G : BOOL; IN0 : USINT; IN1 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : UINT VAR\_INPUT G : BOOL; IN0 : UINT; IN1 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_UINT : UINT VAR\_INPUT G : BOOL; IN0 : UINT; IN1 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : UDINT VAR\_INPUT G : BOOL; IN0 : UDINT; IN1 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_UDINT : UDINT VAR\_INPUT G : BOOL; IN0 : UDINT; IN1 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : ULINT VAR\_INPUT G : BOOL; IN0 : ULINT; IN1 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_ULINT : ULINT VAR\_INPUT G : BOOL; IN0 : ULINT; IN1 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : TIME VAR\_INPUT G : BOOL; IN0 : TIME; IN1 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_TIME : TIME VAR\_INPUT G : BOOL; IN0 : TIME; IN1 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : BYTE VAR\_INPUT G : BOOL; IN0 : BYTE; IN1 : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_BYTE : BYTE VAR\_INPUT G : BOOL; IN0 : BYTE; IN1 : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : WORD VAR\_INPUT G : BOOL; IN0 : WORD; IN1 : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_WORD : WORD VAR\_INPUT G : BOOL; IN0 : WORD; IN1 : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : DWORD VAR\_INPUT G : BOOL; IN0 : DWORD; IN1 : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_DWORD : DWORD VAR\_INPUT G : BOOL; IN0 : DWORD; IN1 : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : LWORD VAR\_INPUT G : BOOL; IN0 : LWORD; IN1 : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_LWORD : LWORD VAR\_INPUT G : BOOL; IN0 : LWORD; IN1 : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : BOOL VAR\_INPUT G : BOOL; IN0 : BOOL; IN1 : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_BOOL : BOOL VAR\_INPUT G : BOOL; IN0 : BOOL; IN1 : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : STRING VAR\_INPUT G : BOOL; IN0 : STRING; IN1 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_STRING : STRING VAR\_INPUT G : BOOL; IN0 : STRING; IN1 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : DATE VAR\_INPUT G : BOOL; IN0 : DATE; IN1 : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_DATE : DATE VAR\_INPUT G : BOOL; IN0 : DATE; IN1 : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : TOD VAR\_INPUT G : BOOL; IN0 : TOD; IN1 : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_TOD : TOD VAR\_INPUT G : BOOL; IN0 : TOD; IN1 : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL : DT VAR\_INPUT G : BOOL; IN0 : DT; IN1 : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION SEL\_DT : DT VAR\_INPUT G : BOOL; IN0 : DT; IN1 : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_REAL : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_LREAL : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_SINT : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_INT : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_DINT : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_LINT : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_USINT : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_UINT : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_UDINT : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_ULINT : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : TIME VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_TIME : TIME VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_BYTE : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_WORD : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_DWORD : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_LWORD : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : STRING VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_STRING : STRING VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : DATE VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_DATE : DATE VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : TOD VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_TOD : TOD VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX : DT VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MAX\_DT : DT VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_REAL : REAL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_LREAL : LREAL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_SINT : SINT VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_INT : INT VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_DINT : DINT VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_LINT : LINT VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_USINT : USINT VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_UINT : UINT VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_UDINT : UDINT VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_ULINT : ULINT VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : TIME VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_TIME : TIME VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_BYTE : BYTE VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_WORD : WORD VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_DWORD : DWORD VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_LWORD : LWORD VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : STRING VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_STRING : STRING VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : DATE VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_DATE : DATE VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : TOD VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_TOD : TOD VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN : DT VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MIN\_DT : DT VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : REAL VAR\_INPUT MN : REAL; IN : REAL; MX : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_REAL : REAL VAR\_INPUT MN : REAL; IN : REAL; MX : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : LREAL VAR\_INPUT MN : LREAL; IN : LREAL; MX : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_LREAL : LREAL VAR\_INPUT MN : LREAL; IN : LREAL; MX : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : SINT VAR\_INPUT MN : SINT; IN : SINT; MX : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_SINT : SINT VAR\_INPUT MN : SINT; IN : SINT; MX : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : INT VAR\_INPUT MN : INT; IN : INT; MX : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_INT : INT VAR\_INPUT MN : INT; IN : INT; MX : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : DINT VAR\_INPUT MN : DINT; IN : DINT; MX : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_DINT : DINT VAR\_INPUT MN : DINT; IN : DINT; MX : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : LINT VAR\_INPUT MN : LINT; IN : LINT; MX : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_LINT : LINT VAR\_INPUT MN : LINT; IN : LINT; MX : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : USINT VAR\_INPUT MN : USINT; IN : USINT; MX : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_USINT : USINT VAR\_INPUT MN : USINT; IN : USINT; MX : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : UINT VAR\_INPUT MN : UINT; IN : UINT; MX : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_UINT : UINT VAR\_INPUT MN : UINT; IN : UINT; MX : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : UDINT VAR\_INPUT MN : UDINT; IN : UDINT; MX : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_UDINT : UDINT VAR\_INPUT MN : UDINT; IN : UDINT; MX : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : ULINT VAR\_INPUT MN : ULINT; IN : ULINT; MX : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_ULINT : ULINT VAR\_INPUT MN : ULINT; IN : ULINT; MX : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : TIME VAR\_INPUT MN : TIME; IN : TIME; MX : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_TIME : TIME VAR\_INPUT MN : TIME; IN : TIME; MX : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : BYTE VAR\_INPUT MN : BYTE; IN : BYTE; MX : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_BYTE : BYTE VAR\_INPUT MN : BYTE; IN : BYTE; MX : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : WORD VAR\_INPUT MN : WORD; IN : WORD; MX : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_WORD : WORD VAR\_INPUT MN : WORD; IN : WORD; MX : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : DWORD VAR\_INPUT MN : DWORD; IN : DWORD; MX : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_DWORD : DWORD VAR\_INPUT MN : DWORD; IN : DWORD; MX : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : LWORD VAR\_INPUT MN : LWORD; IN : LWORD; MX : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_LWORD : LWORD VAR\_INPUT MN : LWORD; IN : LWORD; MX : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : BOOL VAR\_INPUT MN : BOOL; IN : BOOL; MX : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_BOOL : BOOL VAR\_INPUT MN : BOOL; IN : BOOL; MX : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : STRING VAR\_INPUT MN : STRING; IN : STRING; MX : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_STRING : STRING VAR\_INPUT MN : STRING; IN : STRING; MX : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : DATE VAR\_INPUT MN : DATE; IN : DATE; MX : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_DATE : DATE VAR\_INPUT MN : DATE; IN : DATE; MX : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : TOD VAR\_INPUT MN : TOD; IN : TOD; MX : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_TOD : TOD VAR\_INPUT MN : TOD; IN : TOD; MX : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT : DT VAR\_INPUT MN : DT; IN : DT; MX : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LIMIT\_DT : DT VAR\_INPUT MN : DT; IN : DT; MX : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : SINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_REAL : REAL VAR\_INPUT K : SINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : INT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_REAL : REAL VAR\_INPUT K : INT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : DINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_REAL : REAL VAR\_INPUT K : DINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : LINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_REAL : REAL VAR\_INPUT K : LINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : USINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_REAL : REAL VAR\_INPUT K : USINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : UINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_REAL : REAL VAR\_INPUT K : UINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : UDINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_REAL : REAL VAR\_INPUT K : UDINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : REAL VAR\_INPUT K : ULINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_REAL : REAL VAR\_INPUT K : ULINT; IN 0 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : SINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_LREAL : LREAL VAR\_INPUT K : SINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : INT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_LREAL : LREAL VAR\_INPUT K : INT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : DINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_LREAL : LREAL VAR\_INPUT K : DINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : LINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_LREAL : LREAL VAR\_INPUT K : LINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : USINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_LREAL : LREAL VAR\_INPUT K : USINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : UINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_LREAL : LREAL VAR\_INPUT K : UINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : UDINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_LREAL : LREAL VAR\_INPUT K : UDINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LREAL VAR\_INPUT K : ULINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_LREAL : LREAL VAR\_INPUT K : ULINT; IN 0 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : SINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_SINT : SINT VAR\_INPUT K : SINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : INT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_SINT : SINT VAR\_INPUT K : INT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : DINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_SINT : SINT VAR\_INPUT K : DINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : LINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_SINT : SINT VAR\_INPUT K : LINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : USINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_SINT : SINT VAR\_INPUT K : USINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : UINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_SINT : SINT VAR\_INPUT K : UINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : UDINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_SINT : SINT VAR\_INPUT K : UDINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : SINT VAR\_INPUT K : ULINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_SINT : SINT VAR\_INPUT K : ULINT; IN 0 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : SINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_INT : INT VAR\_INPUT K : SINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : INT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_INT : INT VAR\_INPUT K : INT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : DINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_INT : INT VAR\_INPUT K : DINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : LINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_INT : INT VAR\_INPUT K : LINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : USINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_INT : INT VAR\_INPUT K : USINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : UINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_INT : INT VAR\_INPUT K : UINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : UDINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_INT : INT VAR\_INPUT K : UDINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : INT VAR\_INPUT K : ULINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_INT : INT VAR\_INPUT K : ULINT; IN 0 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : SINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_DINT : DINT VAR\_INPUT K : SINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : INT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_DINT : DINT VAR\_INPUT K : INT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : DINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_DINT : DINT VAR\_INPUT K : DINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : LINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_DINT : DINT VAR\_INPUT K : LINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : USINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_DINT : DINT VAR\_INPUT K : USINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : UINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_DINT : DINT VAR\_INPUT K : UINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : UDINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_DINT : DINT VAR\_INPUT K : UDINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DINT VAR\_INPUT K : ULINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_DINT : DINT VAR\_INPUT K : ULINT; IN 0 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : SINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_LINT : LINT VAR\_INPUT K : SINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : INT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_LINT : LINT VAR\_INPUT K : INT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : DINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_LINT : LINT VAR\_INPUT K : DINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : LINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_LINT : LINT VAR\_INPUT K : LINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : USINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_LINT : LINT VAR\_INPUT K : USINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : UINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_LINT : LINT VAR\_INPUT K : UINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : UDINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_LINT : LINT VAR\_INPUT K : UDINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LINT VAR\_INPUT K : ULINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_LINT : LINT VAR\_INPUT K : ULINT; IN 0 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : SINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_USINT : USINT VAR\_INPUT K : SINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : INT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_USINT : USINT VAR\_INPUT K : INT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : DINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_USINT : USINT VAR\_INPUT K : DINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : LINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_USINT : USINT VAR\_INPUT K : LINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : USINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_USINT : USINT VAR\_INPUT K : USINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : UINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_USINT : USINT VAR\_INPUT K : UINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : UDINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_USINT : USINT VAR\_INPUT K : UDINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : USINT VAR\_INPUT K : ULINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_USINT : USINT VAR\_INPUT K : ULINT; IN 0 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : SINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_UINT : UINT VAR\_INPUT K : SINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : INT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_UINT : UINT VAR\_INPUT K : INT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : DINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_UINT : UINT VAR\_INPUT K : DINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : LINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_UINT : UINT VAR\_INPUT K : LINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : USINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_UINT : UINT VAR\_INPUT K : USINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : UINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_UINT : UINT VAR\_INPUT K : UINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : UDINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_UINT : UINT VAR\_INPUT K : UDINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UINT VAR\_INPUT K : ULINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_UINT : UINT VAR\_INPUT K : ULINT; IN 0 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : SINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_UDINT : UDINT VAR\_INPUT K : SINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : INT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_UDINT : UDINT VAR\_INPUT K : INT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : DINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_UDINT : UDINT VAR\_INPUT K : DINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : LINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_UDINT : UDINT VAR\_INPUT K : LINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : USINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_UDINT : UDINT VAR\_INPUT K : USINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : UINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_UDINT : UDINT VAR\_INPUT K : UINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : UDINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_UDINT : UDINT VAR\_INPUT K : UDINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : UDINT VAR\_INPUT K : ULINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_UDINT : UDINT VAR\_INPUT K : ULINT; IN 0 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : SINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_ULINT : ULINT VAR\_INPUT K : SINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : INT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_ULINT : ULINT VAR\_INPUT K : INT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : DINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_ULINT : ULINT VAR\_INPUT K : DINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : LINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_ULINT : ULINT VAR\_INPUT K : LINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : USINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_ULINT : ULINT VAR\_INPUT K : USINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : UINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_ULINT : ULINT VAR\_INPUT K : UINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : UDINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_ULINT : ULINT VAR\_INPUT K : UDINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : ULINT VAR\_INPUT K : ULINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_ULINT : ULINT VAR\_INPUT K : ULINT; IN 0 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : SINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_TIME : TIME VAR\_INPUT K : SINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : INT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_TIME : TIME VAR\_INPUT K : INT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : DINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_TIME : TIME VAR\_INPUT K : DINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : LINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_TIME : TIME VAR\_INPUT K : LINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : USINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_TIME : TIME VAR\_INPUT K : USINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : UINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_TIME : TIME VAR\_INPUT K : UINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : UDINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_TIME : TIME VAR\_INPUT K : UDINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TIME VAR\_INPUT K : ULINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_TIME : TIME VAR\_INPUT K : ULINT; IN 0 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : SINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_BYTE : BYTE VAR\_INPUT K : SINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : INT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_BYTE : BYTE VAR\_INPUT K : INT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : DINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_BYTE : BYTE VAR\_INPUT K : DINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : LINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_BYTE : BYTE VAR\_INPUT K : LINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : USINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_BYTE : BYTE VAR\_INPUT K : USINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : UINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_BYTE : BYTE VAR\_INPUT K : UINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : UDINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_BYTE : BYTE VAR\_INPUT K : UDINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BYTE VAR\_INPUT K : ULINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_BYTE : BYTE VAR\_INPUT K : ULINT; IN 0 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : SINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_WORD : WORD VAR\_INPUT K : SINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : INT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_WORD : WORD VAR\_INPUT K : INT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : DINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_WORD : WORD VAR\_INPUT K : DINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : LINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_WORD : WORD VAR\_INPUT K : LINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : USINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_WORD : WORD VAR\_INPUT K : USINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : UINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_WORD : WORD VAR\_INPUT K : UINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : UDINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_WORD : WORD VAR\_INPUT K : UDINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : WORD VAR\_INPUT K : ULINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_WORD : WORD VAR\_INPUT K : ULINT; IN 0 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : SINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_DWORD : DWORD VAR\_INPUT K : SINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : INT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_DWORD : DWORD VAR\_INPUT K : INT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : DINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_DWORD : DWORD VAR\_INPUT K : DINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : LINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_DWORD : DWORD VAR\_INPUT K : LINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : USINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_DWORD : DWORD VAR\_INPUT K : USINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : UINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_DWORD : DWORD VAR\_INPUT K : UINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : UDINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_DWORD : DWORD VAR\_INPUT K : UDINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DWORD VAR\_INPUT K : ULINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_DWORD : DWORD VAR\_INPUT K : ULINT; IN 0 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : SINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_LWORD : LWORD VAR\_INPUT K : SINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : INT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_LWORD : LWORD VAR\_INPUT K : INT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : DINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_LWORD : LWORD VAR\_INPUT K : DINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : LINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_LWORD : LWORD VAR\_INPUT K : LINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : USINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_LWORD : LWORD VAR\_INPUT K : USINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : UINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_LWORD : LWORD VAR\_INPUT K : UINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : UDINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_LWORD : LWORD VAR\_INPUT K : UDINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : LWORD VAR\_INPUT K : ULINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_LWORD : LWORD VAR\_INPUT K : ULINT; IN 0 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : SINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_BOOL : BOOL VAR\_INPUT K : SINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : INT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_BOOL : BOOL VAR\_INPUT K : INT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : DINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_BOOL : BOOL VAR\_INPUT K : DINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : LINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_BOOL : BOOL VAR\_INPUT K : LINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : USINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_BOOL : BOOL VAR\_INPUT K : USINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : UINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_BOOL : BOOL VAR\_INPUT K : UINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : UDINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_BOOL : BOOL VAR\_INPUT K : UDINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : BOOL VAR\_INPUT K : ULINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_BOOL : BOOL VAR\_INPUT K : ULINT; IN 0 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : SINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_STRING : STRING VAR\_INPUT K : SINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : INT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_STRING : STRING VAR\_INPUT K : INT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : DINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_STRING : STRING VAR\_INPUT K : DINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : LINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_STRING : STRING VAR\_INPUT K : LINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : USINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_STRING : STRING VAR\_INPUT K : USINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : UINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_STRING : STRING VAR\_INPUT K : UINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : UDINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_STRING : STRING VAR\_INPUT K : UDINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : STRING VAR\_INPUT K : ULINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_STRING : STRING VAR\_INPUT K : ULINT; IN 0 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : SINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_DATE : DATE VAR\_INPUT K : SINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : INT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_DATE : DATE VAR\_INPUT K : INT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : DINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_DATE : DATE VAR\_INPUT K : DINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : LINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_DATE : DATE VAR\_INPUT K : LINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : USINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_DATE : DATE VAR\_INPUT K : USINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : UINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_DATE : DATE VAR\_INPUT K : UINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : UDINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_DATE : DATE VAR\_INPUT K : UDINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DATE VAR\_INPUT K : ULINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_DATE : DATE VAR\_INPUT K : ULINT; IN 0 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : SINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_TOD : TOD VAR\_INPUT K : SINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : INT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_TOD : TOD VAR\_INPUT K : INT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : DINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_TOD : TOD VAR\_INPUT K : DINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : LINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_TOD : TOD VAR\_INPUT K : LINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : USINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_TOD : TOD VAR\_INPUT K : USINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : UINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_TOD : TOD VAR\_INPUT K : UINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : UDINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_TOD : TOD VAR\_INPUT K : UDINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : TOD VAR\_INPUT K : ULINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_TOD : TOD VAR\_INPUT K : ULINT; IN 0 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : SINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_SINT\_DT : DT VAR\_INPUT K : SINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : INT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_INT\_DT : DT VAR\_INPUT K : INT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : DINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_DINT\_DT : DT VAR\_INPUT K : DINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : LINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_LINT\_DT : DT VAR\_INPUT K : LINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : USINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_USINT\_DT : DT VAR\_INPUT K : USINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : UINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UINT\_DT : DT VAR\_INPUT K : UINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : UDINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_UDINT\_DT : DT VAR\_INPUT K : UDINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX : DT VAR\_INPUT K : ULINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUX\_ULINT\_DT : DT VAR\_INPUT K : ULINT; IN 0 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_REAL : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_LREAL : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_SINT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_INT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_DINT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_LINT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_USINT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_UINT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_UDINT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_ULINT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_TIME : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_BYTE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_WORD : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_DWORD : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_LWORD : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_STRING : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_DATE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_TOD : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GT\_DT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_REAL : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_LREAL : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_SINT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_INT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_DINT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_LINT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_USINT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_UINT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_UDINT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_ULINT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_TIME : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_BYTE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_WORD : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_DWORD : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_LWORD : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_STRING : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_DATE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_TOD : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION GE\_DT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_REAL : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_LREAL : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_SINT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_INT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_DINT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_LINT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_USINT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_UINT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_UDINT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_ULINT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_TIME : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_BYTE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_WORD : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_DWORD : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_LWORD : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_STRING : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_DATE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_TOD : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION EQ\_DT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_REAL : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_LREAL : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_SINT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_INT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_DINT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_LINT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_USINT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_UINT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_UDINT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_ULINT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_TIME : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_BYTE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_WORD : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_DWORD : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_LWORD : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_STRING : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_DATE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_TOD : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LT\_DT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_REAL : BOOL VAR\_INPUT IN 1 .. : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_LREAL : BOOL VAR\_INPUT IN 1 .. : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_SINT : BOOL VAR\_INPUT IN 1 .. : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_INT : BOOL VAR\_INPUT IN 1 .. : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_DINT : BOOL VAR\_INPUT IN 1 .. : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_LINT : BOOL VAR\_INPUT IN 1 .. : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_USINT : BOOL VAR\_INPUT IN 1 .. : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_UINT : BOOL VAR\_INPUT IN 1 .. : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_UDINT : BOOL VAR\_INPUT IN 1 .. : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_ULINT : BOOL VAR\_INPUT IN 1 .. : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_TIME : BOOL VAR\_INPUT IN 1 .. : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_BYTE : BOOL VAR\_INPUT IN 1 .. : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_WORD : BOOL VAR\_INPUT IN 1 .. : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_DWORD : BOOL VAR\_INPUT IN 1 .. : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_LWORD : BOOL VAR\_INPUT IN 1 .. : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_BOOL : BOOL VAR\_INPUT IN 1 .. : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_STRING : BOOL VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_DATE : BOOL VAR\_INPUT IN 1 .. : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_TOD : BOOL VAR\_INPUT IN 1 .. : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LE\_DT : BOOL VAR\_INPUT IN 1 .. : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_REAL : BOOL VAR\_INPUT IN1 : REAL; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_LREAL : BOOL VAR\_INPUT IN1 : LREAL; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_SINT : BOOL VAR\_INPUT IN1 : SINT; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_INT : BOOL VAR\_INPUT IN1 : INT; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_DINT : BOOL VAR\_INPUT IN1 : DINT; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_LINT : BOOL VAR\_INPUT IN1 : LINT; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_USINT : BOOL VAR\_INPUT IN1 : USINT; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_UINT : BOOL VAR\_INPUT IN1 : UINT; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_UDINT : BOOL VAR\_INPUT IN1 : UDINT; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_ULINT : BOOL VAR\_INPUT IN1 : ULINT; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : TIME; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_TIME : BOOL VAR\_INPUT IN1 : TIME; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : BYTE; IN2 : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_BYTE : BOOL VAR\_INPUT IN1 : BYTE; IN2 : BYTE; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : WORD; IN2 : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_WORD : BOOL VAR\_INPUT IN1 : WORD; IN2 : WORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : DWORD; IN2 : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_DWORD : BOOL VAR\_INPUT IN1 : DWORD; IN2 : DWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : LWORD; IN2 : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_LWORD : BOOL VAR\_INPUT IN1 : LWORD; IN2 : LWORD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : BOOL; IN2 : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_BOOL : BOOL VAR\_INPUT IN1 : BOOL; IN2 : BOOL; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_STRING : BOOL VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : DATE; IN2 : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_DATE : BOOL VAR\_INPUT IN1 : DATE; IN2 : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : TOD; IN2 : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_TOD : BOOL VAR\_INPUT IN1 : TOD; IN2 : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE : BOOL VAR\_INPUT IN1 : DT; IN2 : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION NE\_DT : BOOL VAR\_INPUT IN1 : DT; IN2 : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : SINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : INT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : DINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : LINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : USINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : UINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : UDINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEN : ULINT VAR\_INPUT IN : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION LEFT : STRING VAR\_INPUT IN : STRING; L : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION RIGHT : STRING VAR\_INPUT IN : STRING; L : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : SINT; P : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : INT; P : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : DINT; P : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : LINT; P : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : USINT; P : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : UINT; P : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : UDINT; P : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MID : STRING VAR\_INPUT IN : STRING; L : ULINT; P : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION CONCAT : STRING VAR\_INPUT IN 1 .. : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION INSERT : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; P : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : SINT; P : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : INT; P : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : DINT; P : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : LINT; P : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : USINT; P : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : UINT; P : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : UDINT; P : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DELETE : STRING VAR\_INPUT IN : STRING; L : ULINT; P : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : SINT; P : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : INT; P : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : DINT; P : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : LINT; P : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : USINT; P : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : UINT; P : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : UDINT; P : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION REPLACE : STRING VAR\_INPUT IN1 : STRING; IN2 : STRING; L : ULINT; P : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : SINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : INT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : DINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : LINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : USINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : UINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : UDINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION FIND : ULINT VAR\_INPUT IN1 : STRING; IN2 : STRING; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_TIME : TIME VAR\_INPUT IN1 : TIME; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_TOD\_TIME : TOD VAR\_INPUT IN1 : TOD; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION ADD\_DT\_TIME : DT VAR\_INPUT IN1 : DT; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_TIME : TIME VAR\_INPUT IN1 : TIME; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_DATE\_DATE : TIME VAR\_INPUT IN1 : DATE; IN2 : DATE; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_TOD\_TIME : TOD VAR\_INPUT IN1 : TOD; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_TOD\_TOD : TIME VAR\_INPUT IN1 : TOD; IN2 : TOD; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_DT\_TIME : DT VAR\_INPUT IN1 : DT; IN2 : TIME; END\_VAR RETURN; END\_FUNCTION

FUNCTION SUB\_DT\_DT : TIME VAR\_INPUT IN1 : DT; IN2 : DT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_REAL : TIME VAR\_INPUT IN1 : TIME; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_LREAL : TIME VAR\_INPUT IN1 : TIME; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_SINT : TIME VAR\_INPUT IN1 : TIME; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_INT : TIME VAR\_INPUT IN1 : TIME; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_DINT : TIME VAR\_INPUT IN1 : TIME; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_LINT : TIME VAR\_INPUT IN1 : TIME; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_USINT : TIME VAR\_INPUT IN1 : TIME; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_UINT : TIME VAR\_INPUT IN1 : TIME; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_UDINT : TIME VAR\_INPUT IN1 : TIME; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME\_ULINT : TIME VAR\_INPUT IN1 : TIME; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MULTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION MUL : TIME VAR\_INPUT IN1 : TIME; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_REAL : TIME VAR\_INPUT IN1 : TIME; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_LREAL : TIME VAR\_INPUT IN1 : TIME; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_SINT : TIME VAR\_INPUT IN1 : TIME; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_INT : TIME VAR\_INPUT IN1 : TIME; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_DINT : TIME VAR\_INPUT IN1 : TIME; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_LINT : TIME VAR\_INPUT IN1 : TIME; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_USINT : TIME VAR\_INPUT IN1 : TIME; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_UINT : TIME VAR\_INPUT IN1 : TIME; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_UDINT : TIME VAR\_INPUT IN1 : TIME; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME\_ULINT : TIME VAR\_INPUT IN1 : TIME; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIVTIME : TIME VAR\_INPUT IN1 : TIME; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : REAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : LREAL; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : SINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : INT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : DINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : LINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : USINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : UINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : UDINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION DIV : TIME VAR\_INPUT IN1 : TIME; IN2 : ULINT; END\_VAR RETURN; END\_FUNCTION

FUNCTION CONCAT\_DATE\_TOD : DT VAR\_INPUT IN1 : DATE; IN2 : TOD; END\_VAR RETURN; END\_FUNCTION

{enable code generation}