

RAPID Reference Manual

System Data Types and Routines

3HAC 0966-13

For BaseWare OS 3.1

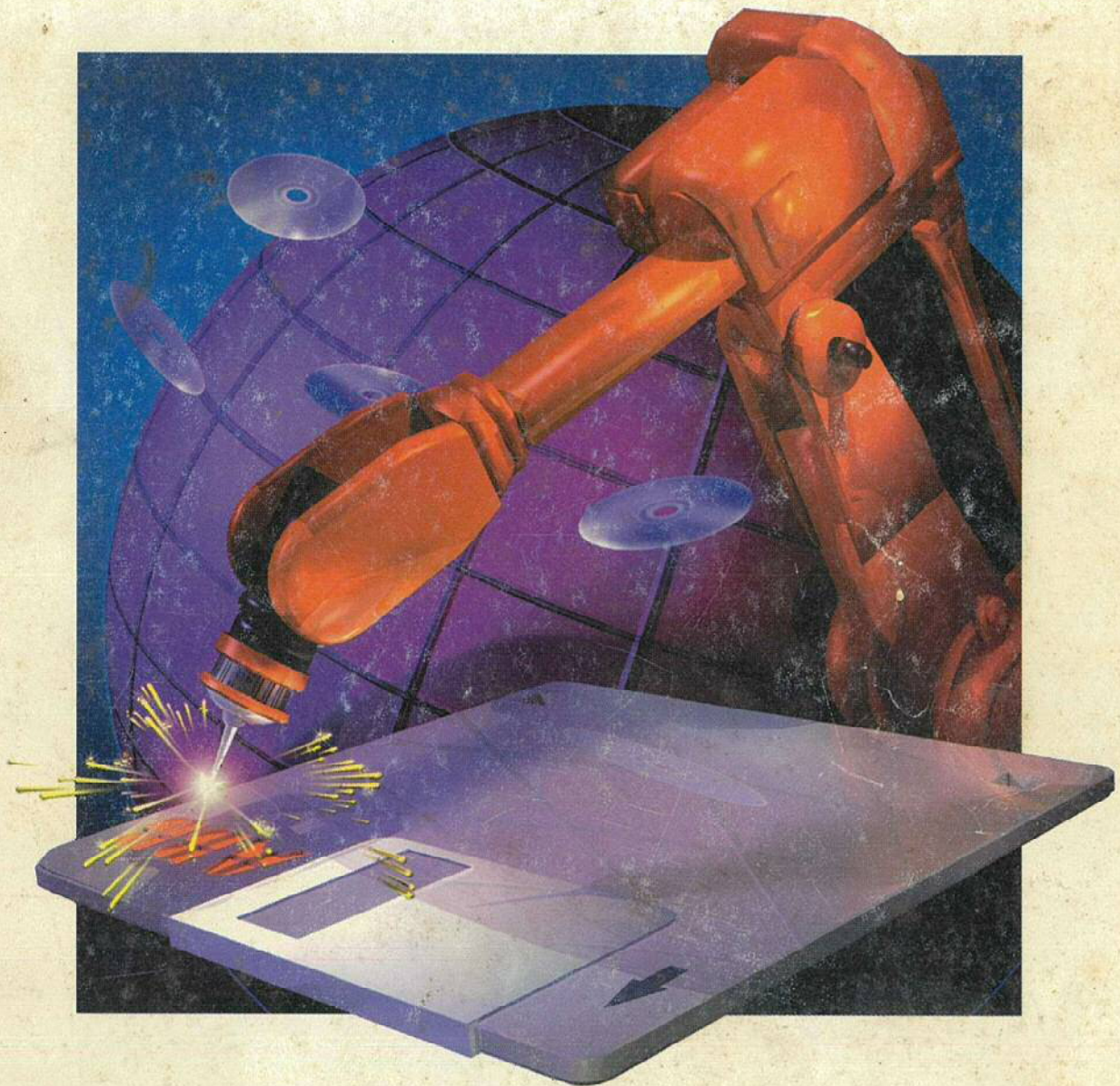


ABB Flexible Automation





3HAC 0966-13
For BaseWare OS 3.1 Rev.1

System DataTypes and Routines

Data Types and System Data

Instructions

Functions

CONTENTS

bool	Logical values
byte	Decimal values 0 - 255
clock	Time measurement
confdata	Robot configuration data
dionum	Digital values 0 - 1
errnum	Error number
extjoint	Position of external joints
intnum	Interrupt identity
iodev	Serial channels and files
jointtarget	Joint position data
loaddata	Load data
loadsession	Program load session
mecunit	Mechanical unit
motsetdata	Motion settings data
num	Numeric values (registers)
orient	Orientation
o_jointtarget	Original joint position data
o_robtargt	Original position data
pos	Positions (only X, Y and Z)
pose	Coordinate transformations
progdisp	Program displacement
robjoint	Joint position of robot axes
robtargt	Position data
shapedata	World zone shape data
signalxx	Digital and analog signals
speeddata	Speed data
string	Strings
symnum	Symbolic number
System Data	
taskid	Task identification
tooldata	Tool data
tpnum	Teach Pendant Window number
triggdata	Positioning events - trigg
tunetype	Servo tune type
wobjdata	Work object data
wzstationary	Stationary world zone data

Data Types

wztemporary	Temporary world zone data
zonedata	Zone data