

FSU-Protocolmaker offline

Documentation Software for Functional Safety Controller



Target group

This software is designed to be used by trained members of staff who are responsible for quality assurance, operation and system documentation for the functional safety controller of YASKAWA robot systems. The program is to be used to document the system status prior to first use, delivery and changes to safety-related data. This data can be used, for example, as proof/documentation of the relevant status of the FSU settings at the point of creation.

KEY BENEFITS

- Creation of a complete FSU protocol file containing all data relating to safety
- Standardised format for recording safety-related data
- Ease of reading the data
- Documentation of responsible personnel
- Huge time savings thanks to the automated creation of FSU protocol files based on an FSU data backup





DX200 FSU Protocol

YASKAWA

NO. 11.0	SAFETY MOI	DE PASSWORD	CHECK				
11.0							
The default password has been changed It has been restricted to those with valid safety control training YES The new password is :55555555555555							
Company/I	Department	Name (in block capitals)	Signature				
		•					

NO. 14.2			TOOL	-	TOO	L INT	ERFERE I	ATA			CHECK
FILE NO.			The data wa	s corr	ectly def	ined and	checked for f	unction			П
NAME:				TOOL	INTERFE						
TCP:	[mm]		[deg.]	- 1			RADIUS[mm]				
X:	250		0	1.XI	01	50	40	112.X		100	30
Y:	250	Ry:	0	YI	01	501		II Y		1001	
2:	450	Rz:	0	21	01	1001		11 2			
				- 1			RADIUS[mm]				RADIUS[mm]
WEIGHT:		0	kg	3.XI	100	150	20	114.X	150	2001	10
				YI	100	150		11 Y		2001	
	[mm])	[kg·m2]	21	2001	3001		11 2	3001	4001	
Xg:	0	Ix:	0	1	P1[mm]	P2[mm]	RADIUS[mm]	11	P1[mm]	P2 [mm]	RADIUS[mm]
Yq:	0	Iy:	0	4.XI	150	2001	10	11			
Zg:	0	Iz:	0	YI	150	2001		11			
				Z I	3001	4001		11			
465[mm] / I	DIV	44		46	5(mm) / DIV	42	тор	465	[mm] / DIV	42	тар
			TCP								
		•	+X	-		_	+X	-			**

NO. 17.0	ROBOT RANG	E LIMIT	CHECK		
FILE NO.	The data was correctly defined and checked for function				
MO. X[mm] 01. -200 02. -200 03. 200 04. 200 05. 280 06. 280 07. 200 08. 200 +E 200	0 -2000 09, 2000 -2000 0 0 0 0 0 0 0 0 0	2000 [mm] / DIV +Y	P6 P0 +X P7 P6		
BIT INPUT 1 FSB INI 2 FSB INI 3 FSB INI 4 FSB INI 5 FSB INI	2 (#SV1) OFF 3 (#SV1) OFF 4 (#SV1) OFF	OUTPUT SIGNAL FSB OUT2 (#SV1)			

Important features:

Documentation of system data

- System settings
- Signal settings
- CRC checksum
- Absolute data

Password protection

- Documentation of safety password
- Documentation of FSU authorised staff

Tool documentation

- Tool data
- Tool interfere

Documentation of FSU settings

- Term data of FSU including validity and signal settings
- Visualisation of limitations

System requirements (min.):

Windows 7 or 10 (32 or 64 bit), USB 2.0

YASKAWA Europe GmbH

Robotics Division Yaskawastraße 1 85391 Allershausen Germany Tel. +49 (0) 8166 90-0 robotics@yaskawa.eu.com www.yaskawa.eu.com

FSU-Protocolmaker offline A-04-2019, A-No. 200019

