

ISO 10303-518:2002-08 (E)

Industrial automation systems and integration - Product data representation and exchange - Part 518: Application interpreted construct: Mechanical design shaded presentation

Contents	Page
1	Scope 1
2	Normative references 2
3	Terms and abbreviations 3
3.5	Abbreviations 4
4	EXPRESS short listing 5
4.1	Fundamental concepts and assumptions 7
4.2	aic_mechanical_design_shaded_presentation entity definitions 10
4.2.1	mechanical_design_shaded_presentation_area 10
4.2.2	mechanical_design_shaded_presentation_representation 13
Annex A (normative) Short names of entities 24	
Annex B (normative) Information object registration 25	
B.1	Document identification 25
B.2	Schema identification 25
Annex C (informative) EXPRESS-G diagrams 26	
Annex D (informative) Computer interpretable listings 43	
Index 44	
Figures	Figure C.1 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (1 of 16) 27
	Figure C.2 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (2 of 16) 28
	Figure C.3 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (3 of 16) 29
	Figure C.4 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (4 of 16) 30
	Figure C.5 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (5 of 16) 31
	Figure C.6 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (6 of 16) 32
	Figure C.7 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (7 of 16) 33
	Figure C.8 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (8 of 16) 34
	Figure C.9 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (9 of 16) 35
	Figure C.10 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (10 of 16) 36
	Figure C.11 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (11 of 16) 37
	Figure C.12 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (12 of 16) 38
	Figure C.13 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (13 of 16) 39
	Figure C.14 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (14 of 16) 40
	Figure C.15 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (15 of 16) 41
	Figure C.16 EXPRESS-G diagram of the aic_mechanical_design_shaded_presentation (16 of 16) 42
Tables	Table A.1 Short names of entities 24