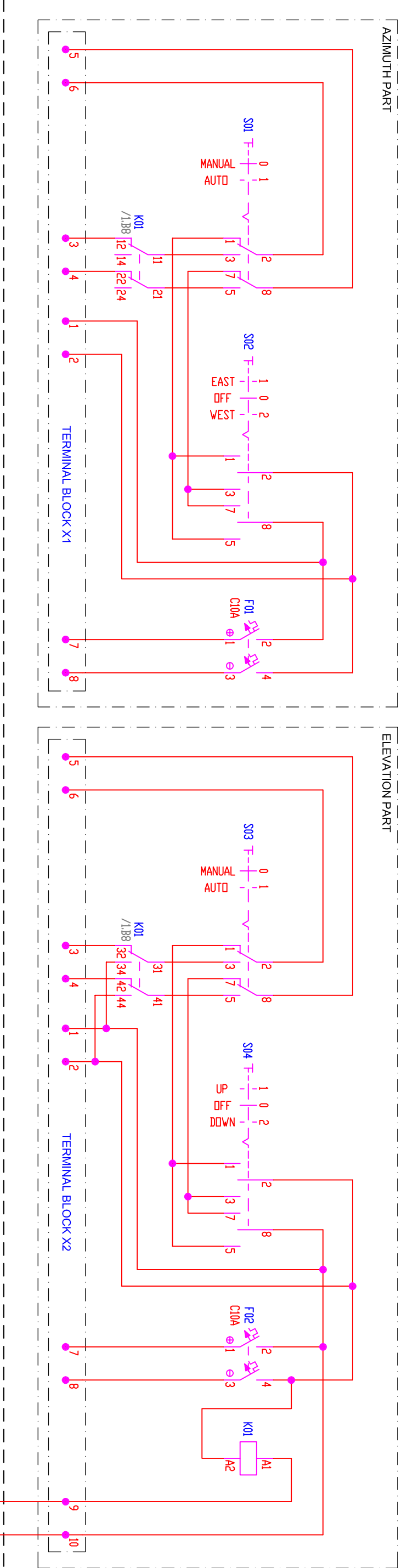
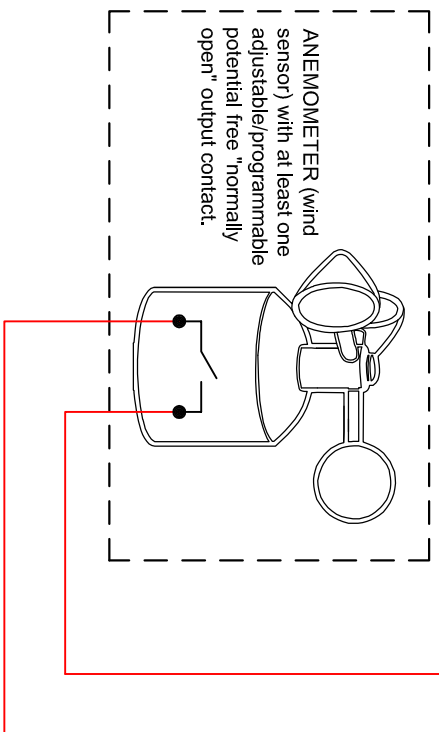


# FUSIONSEEKER MCDW-10 DUAL-AXIS TRACKER MANUAL CONTROL DEVICE WITH WIND SENSOR INPUT FOR AUTOMATIC TRACKER PROTECTION (elevation part moves to horizontal position) IN CASE OF HIGH WINDS (internal wiring)



DEVICE	D E S C R I P T I O N
S01	*AUTO tracking by Fusionseeker/MANUAL tracker movement control* selector switch (AZIMUTH part)
S02	*Manual EAST moving/tracking OFF (only when S01 in MANUAL position)/ manual WEST moving* selector switch
F01	Automatic DC circuit breaker - can also be used to completely switch off Fusionseeker (azimuth part)
S03	*AUTO tracking by Fusionseeker/MANUAL tracker movement control* selector switch (ELEVATION part)
S04	*Manual UP moving/tracking OFF (only when S02 in MANUAL position)/ manual DOWN moving* selector switch
F02	Automatic DC circuit breaker - can also be used to completely switch off Fusionseeker (elevation part)
K01	Auxiliary relay/contactors

TERMINAL BLOCK	TERMINAL NUMBER	C O N N E C T I O N D E S C R I P T I O N
X1	1	Connect to Fusionseeker's AZIMUTH connection cable wire marked with number "1"
X1	2	Connect to Fusionseeker's AZIMUTH connection cable wire marked with number "2"
X1	3	Connect to Fusionseeker's AZIMUTH connection cable wire marked with number "3"
X1	4	Connect to Fusionseeker's AZIMUTH connection cable wire marked with "yellow/green" colour
X1	5	Connect to one AZIMUTH DC motor wire
X1	6	Connect to another AZIMUTH DC motor wire
X1	7	Connect to +U output of the POWER SUPPLY
X1	8	Connect to -U output of the POWER SUPPLY
X2	1	Connect to Fusionseeker's ELEVATION connection cable wire marked with number "1"
X2	2	Connect to Fusionseeker's ELEVATION connection cable wire marked with number "2"
X2	3	Connect to Fusionseeker's ELEVATION connection cable wire marked with number "3"
X2	4	Connect to Fusionseeker's ELEVATION connection cable wire marked with "yellow/green" colour
X2	5	Connect to one ELEVATION DC motor wire
X2	6	Connect to another ELEVATION DC motor wire
X2	7	Connect to +U output of the POWER SUPPLY
X2	8	Connect to -U output of the POWER SUPPLY
X2	9	Connect to one output contact terminal of the wind sensor
X2	10	Connect to another output contact terminal of the wind sensor



NOTE 1:  
MCDW-10 Dual-Axis Manual Control Device + Wind Sensor is compatible with the following FUSIONSEEKER models:  
1. DS-50D5  
2. DS-50D6  
3. DS-100D\*10

Revision	Comment	Date	Made by	Language: English	Scale: N/A
0	Initial release	27.12.2008	D. Skriválik	FUSIONSEEKER	
1	Added NOTE 1	16.08.2011	D. Skriválik	Doc. type: AutoCAD Drawing Number: FS-104 Device + Wind Sensor — Internal Wiring	Paper Format: A3 Sht.No./No. of Shts: 1/1 Drawing Revision: 1