

FUNCTIONAL SAFETY DATA SHEET[®]

Manufacturer	SISTCON S.A. Gervasio Posadas 664/70 Villa Martelli Argentina
Product(s)	Self contained Panels series SC-AUT-ESDV-LOC-SOL3-SIL-REE-FUS3 Pr 6213-C
Safety function	Release hydraulic pressure on main valve outlet upon de-energization of any of the solenoid valves in the panel
Basis of testing	IEC 61508:1999
Report	The test report 198.105.042 v0.3 of 11/09/2009 is an integral part of this data sheet
Functional Safety Data	
Type	A
Hardware Fault Tolerance	0
Safe Failure Fraction	99,90%
Safe Detected Failure Rate	0,00 /hour
Safe Undetected Failure Rate	2,08 E-05 /hour
Dangerous Detected Failure Rate	0,00 /hour
Dangerous Undetected Failure Rate	1,50 E-08 /hour
MTTFd	7610,0 years
MTTFs	5,5 years
PFD	See report for sample calculations
PFS	See report for sample calculations
Fit for use in Safety Integrity Level	3
Fit for use in Spurious Trip Level [™]	3

September 11, 2009

Date



Dr. M.J.M. Houtermans