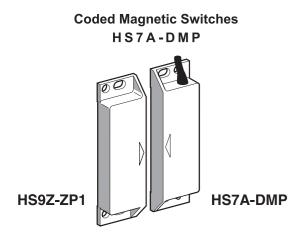


INSTRUCTION SHEET

B-735(5)



Confirm that the delivered product is what you have ordered. Read this instruction sheet to make sure of correct operation. Make sure that the instruction sheet is kept by the end user.

The products have been designed in accordance with the standards in effect : IEC 60947-5-1, EN 292, EN 60204-1 to ensure the safety of machine operators and machine operating reliability, and have obtained the UL/CSA certifications.

SAFETY NOTE

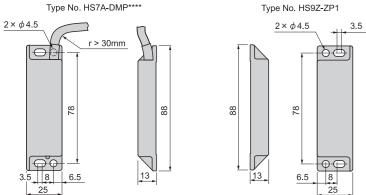
The use of the safety relay modules is required for the monitoring of the coded magnetic safety switches.

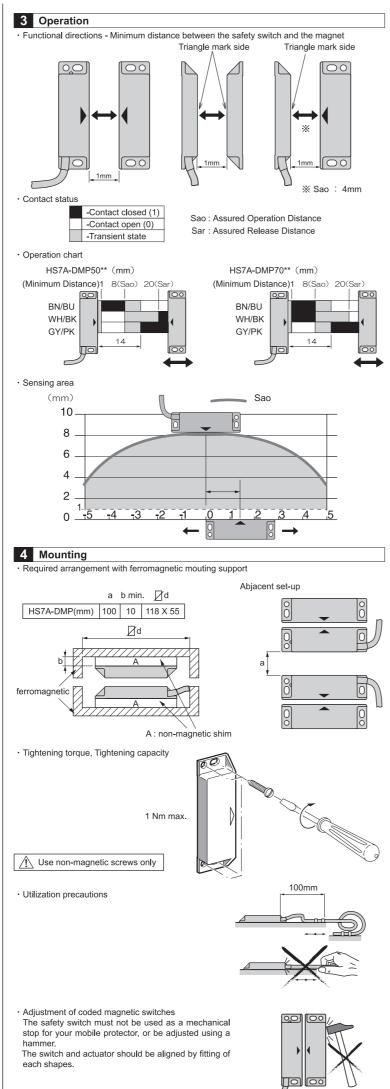
When correctly installed and connected to the HR1S safety relay modules they produce a category 4 control circuit per EN ISO 13849-1 (2 redundant contacts monitored by one HR1S safety relay module or FS series safety controller. See user's manual for wiring with safety controller).

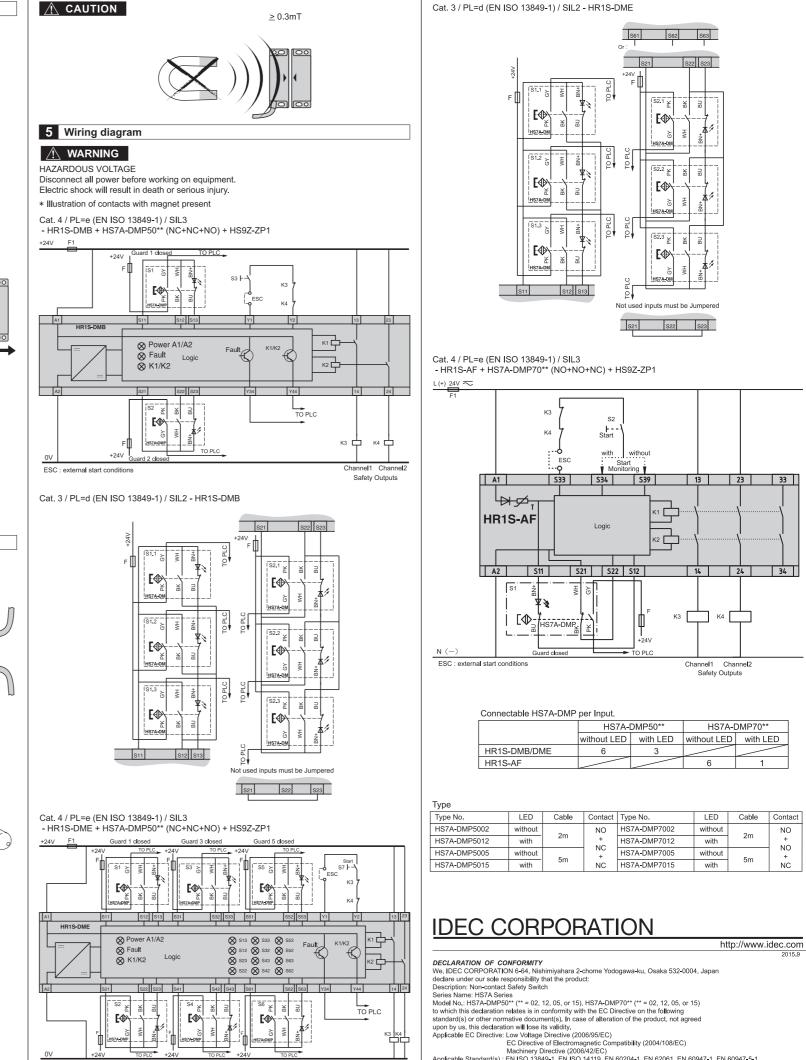
Use the safety switches for an interlocking device in compliance with laws and regulations of the country in which it is being used.

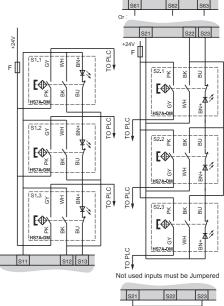
Conforming to standards		IEC / EN 60947-5-1		
		EN ISO / ISO 14119		
		UL 508, CSA C22.2 No.14		
Interlocking device Ty	/pe	Type 4 interlocking device		
/ the level of coded		/ low level coded actuator (EN ISO 14119)		
Ambient air temperature		Operation : -13° F to 185° F(-25°C+85°C) (no freezing)		
		Storage : -40° F to 185° F(-40°C+85°C) (no freezing)		
Vibration resistance		10 gn (10-150 Hz) conforming to IEC 60068-2-6		
Shock resistance		30 gn (11 ms) conforming to IEC 60068-2-7		
Protection against electric shock		Class II as per IEC 60536		
Degree of protection		IP67		
Degree of pollution		3, conforming to IEC / EN 60947-5-1		
Rated operating chatacteristics		Ue = 24VDC		
		le = 100 mA		
Protection		500 mA gG (gL) cartridge fuse		
(using without safety	relay module)	(use type CC in the United States)		
Repeat accuracy		<u><</u> 10%		
Hysteresis		<u><</u> 20%		
Frequency of operating cycle		150 Hz		
Drop out voltage	I=10mA	0,1V without LED; 2,4V with LED		
	l=100mA	1V without LED; 4,2V with LED		
Functional switches		Closing - Opening		
Cable connection		By cable 6 x AWG 23 (0.25mm ²)		
		length 78.74 in, 196.85 in		
		(2m, 5m), depending on model		

2 Dimensions (mm) Type No. HS7A-DMP****









	HS7A-I	DMP50**	HS7A-DMP70**		
	without LED	with LED	without LED	with LED	
HR1S-DMB/DME	6	3			
HR1S-AF			6	1	

Type No.	LED	Cable	Contact	Type No.	LED	Cable	Contact
HS7A-DMP5002	without	2m	NO	HS7A-DMP7002	without	- 2m	NO
HS7A-DMP5012	with		+ NC	HS7A-DMP7012	with		+ NO
HS7A-DMP5005	without	5m		HS7A-DMP7005	without	5m	
HS7A-DMP5015	with		NC	HS7A-DMP7015	with	om	NC

Applicable Standard(s): EN ISO 13849-1, EN ISO 14119, EN 60204-1, EN 60947-1, EN 60947-5-1 Authorized Representative in EU : IDEC ELEKTROTECHNIK GmbH Heselstuecken 8, 22453 Hamburg, Germa elstuecken 8, 22453 Hamburg, Germany

Channel1 Channel2 Safety Outputs

Guard 2 close

ESC : external start conditions

4 closed

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Magnetic/Reed Switches category:

Click to view products by Idec manufacturer:

Other Similar products are found below :

 PSW-21
 AMS-20MG
 AMS-37-G_W/Brk
 AMS-38S-I
 AMS-38SW
 AMS-39B-B
 HRB10030
 AMS-10S-B
 AMS-25B-B
 AMS-37BROWN

 AMS-37L
 AMS-38MG
 AMS-38SB
 AMS-9-B
 AMS-T10C(B)
 4350238
 505-171W
 WHITE
 505-211B
 505-70B
 4350186
 505-101-GC
 505

 101-GS
 505-101-WS
 505-201W
 505-392W
 505-90G
 507-381BB
 507-381BG
 RSW-21A-I
 ODC-56B
 TSW-2T
 RI

 90GP1020
 FF6-21-DC-03-SS
 FF6-11-AC-06
 FF6-21-AC-06
 AMS-10MGW
 AMS-37B
 GRAY
 HM00-01608LF
 HM00-04603LF
 HM00

 02441BLFTR
 44531-0110
 44531-0200
 44531-0260
 511-59A
 KSK-1A52-1520
 KSK-1A87-2025
 KSK-1C90U-1530
 KSK-1E85-BV470