



SHAFT TYPES

Type	L = Length	D = DIA
HS-2	30	16
P85	85	12.7

specifications

Standards	EN 60947-5-1, EN 1088, EN 292, EN 60204-1
Approvals	CE marked for all applicable directives, CSA NRTL/C, BG and SUVA
Contacts arrangement	2 N/C or 1 N/O positive break
Utilization cat.	AC 15
AC (Ue)	500V 250V 100V
(Ie)	1A 2A 5A
DC	250V 0.5A, 24V 2A
Thermal current (Ith)	10A
Minimum current	5V 5mA DC
Safety contact gap	>2mm
Rtd. insulation voltage	(Ui) 500V
Rtd. impulse withstand voltage	(Uimp) 2500V
Pollution degree	3
Shaft rotation for contact operation	11° Maximum; 5° Minimum (adjustable)
Break contact min. force	12N
Max. actuation speed	160mm per sec
Max. actuation frequency	1 cycle per sec
Case material	Heavy duty die cast alloy
Actuator shaft	Stainless Steel
Protection	IP66 earthed

Conduit entry	1 x M20 (Pg11 or 1/2"NPT also available)
Operating temperature	-25°C to +80°C
Fixing	2 x M4
Mounting	Any position
Mechanical life	>1x 10 ⁶ operations
Electrical life	>1x 10 ⁶ operations
Weight	420g
Colour	Red

*Note: The safety contacts of the Guardmaster switches are described as normally closed (N/C), i.e. with the guard closed, actuator in place (where relevant) and the machine able to be started