EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Arcolectric CORPORATION

7000 Push Button Switches

16A 250Vac

Ratings Information

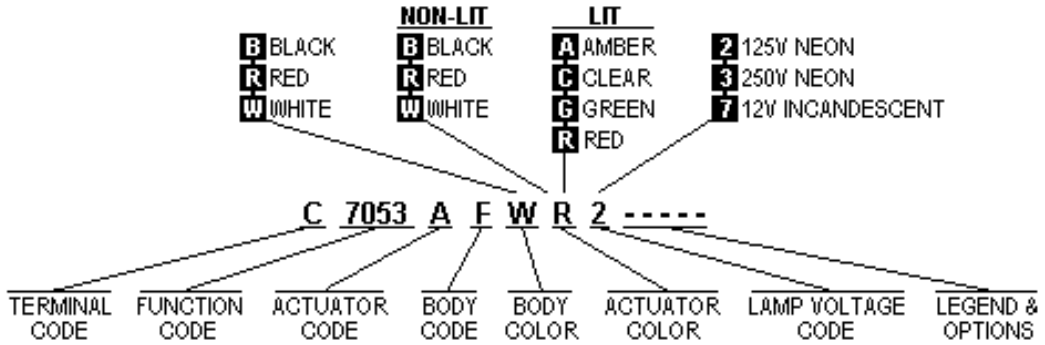
16(4)A 250Vac T125
8(8)A 250Vac T85

UL CSA 16A 250Vac, 250Vac 1hp, 125Vac ½ hp
UL 65°C, file E45221
CSA file LR10990

Inrush 35A to EN61058-1 & 16A 28Vdc (In house test)

3mm contact gap.

Order Format



Examples



C7000AF



C7001AF



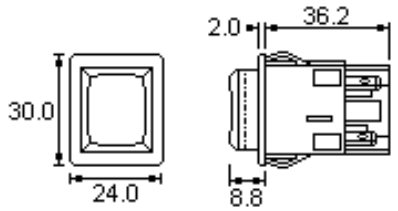
C7003AF

Dimensions

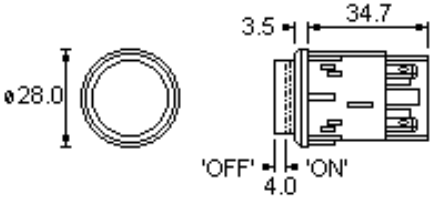
Panel thickness between:

A - 0.8 and 2.5mm
F,G,H - 0.8 and 5.0mm

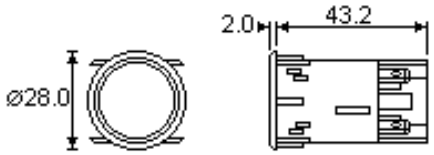
A



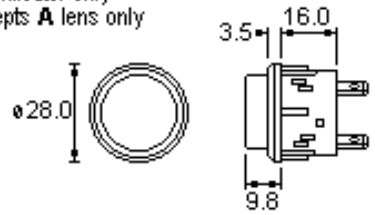
F

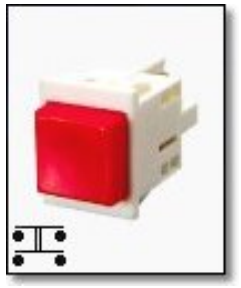


G Accepts **A** button only



H Indicator only
Accepts **A** lens only





C7050SA



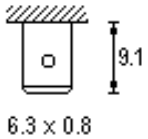
C7053AG



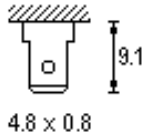
C7030AH

TERMINAL CODE

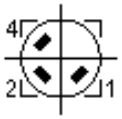
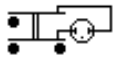
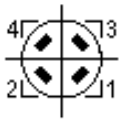
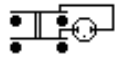
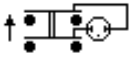
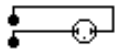
C



H

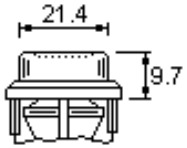


SWITCH FUNCTION CODE

7000		Single Pole ON - OFF 
7001		Single Pole ON - OFF (momentary on) 
7003		Single Pole ON - OFF with light 
7004		Single Pole ON - OFF with light (momentary on) 
7050		Double Pole ON - OFF 
7051		Double Pole ON - OFF (momentary on) 
7053		Double Pole ON - OFF with light 
7054		Double Pole ON - OFF with light (momentary on) 
7030		Indicator 

ACTUATOR/LENS CODE

A Round actuator
shown in F body



A Round actuator
shown in G body



S Square

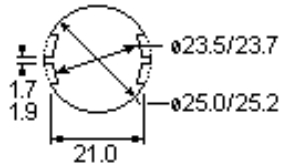


BODY CODE

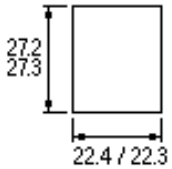
Panel cut-outs

F H G Body types fit either cut-out





A



OPTIONS

Finish
Matt finish is standard on bodies. Gloss finish is standard on actuators.

Color
Consult factory for custom colors. A full range is available for large orders.

Legend printing
A wide range is available or call the factory for custom legends.

Lamp voltage
Consult factory for details of other available voltages.

Moisture resistant covers (IP65)
Covers are available for round body styles, contact factory for details.

Technical Information

Most major technical information is shown on the page covering the specific product, other details are grouped here for easy reference.

The details shown apply to all Switches and Fuseholders. For electrical products, Indicators or IEC sockets see the individual product page.

Materials	**Most Products**	**Expections**
Body and actuator (opaque)	Nylon 6.6	900 & 380 Vandal options are stainless steel
Actuator (transparent)	Polycarbonate	
Current carrying parts	Copper Alloy Silver Plated	
Contact points	Silver Alloy	n/a for 55/56 & 2000, Gold plated for 1100

Properties - Electrical		
Electrical Life (operations)	> 10k, many > 50k	See relevant page for details
Contact Resistance (switches) new condition (m ohms)	< 100 (at 12Vdc, 1A)	1100, 2000 contact factory
Contact Resistance (fuseholders) new condition (m ohms)	5 (average)	
Insulation Resistance (M ohms)	> 20	
Dielectric Strength: (kV)		
across open contacts	> 1	
between poles	> 3	
between live parts and accessible metal	> 4	
Comparative Tracking Index (CTI)	> 250	

Properties - Physical		
Humidity Resistance at 91-95% relative humidity (to subsequently comply with requirements of dielectric strength test)(hrs)	48	
Impact Resistance (Nm)	> 0.5	
Storage term 5 year period (°C)	< 125	Some discoloration of terminals may occur
Flame Retardancy:		
Standard	UL94V2	Polycarbonate actuators - UL94V2 only
On Request	UL94V0	Not all colors or variants
Solderability to BS 2011 pt.2.1T -	6 secs at 350°C	
Angular movement ± 4° overall (where applicable)	38°	1250, 6000, 8500, 8550, 8600, 8650, 8800 - 26°
Force to operate (Kg). For details contact Sales office	0.2 - 2.0	
Fixing nut torque (where applicable)	1.0Nm (8.91 lb/in)	

General Information

All switches
Insultation Class II.
Heat and Fire resistance Category D.
Ingress Protection without cover IP40.
DC ratings are not approved.

All products
Panel holes must be punched in direction unit is to be fitted

Illuminated rockers and indicator lights
Transparent lenses on indicator lights and illuminated switches are moulded in polycarbonate, a material which is attacked by organic chemicals and animal or vegetable fats.
Please contact the factory for advice on these products.

Weights of our most frequently supplied products

Product	gms	Product	gms	Product	gms
0055,0056	5.7/6.8	1350	11.2	5567	14.3
0305	32.9	1500	5.7	6050	13.6
0333	4.5	1520	6.6	6053	14.2
0345	8.9	1550	11.2	7000	10.4
0380 sw only	7.12	1553	11.8	7050	12.3
0383K/P	25.0	1570	12.7	7053	12.9
0392	10.7	1584-1589	11.1	8250	4.9
0430	5.5	1700H	8.4	8300	4.0
0589	3.5	1750H	13.2	8350	5.0
0692	51.8	1750O	25.6	8353	5.9
0711-1S	16.6	2000 2pos C SP	3.8	8500	3.8
0712-S	27.8	2000 2pos C DP	4.5	8550	4.8
0717-1S	22.4	2000 5pos A SP	6.3	8553	5.2
0900S/L	2.6/2.9	2000 5pos A DP	7.3	8600	3.5
1048	2.8	T2225B	5.0	8620	4.3
1100	2.0	2950	5.3	8650	6.3
1250SP	5.9	3111	11.8	8670	8.5
1250DP	7.0	5500	7.1	8800	2.9
1300	5.7	5503	7.8	9100	21.1