

Product Information

Heavy Duty, Industrial Single Pole and Two Pole

Class 9007—Type C

All Type C Switches Are Rated NEMA 6P and UL Type 6P

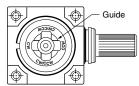
@ [. 1	(9)				Lever Arn	Type			Side Plunger Type				
		Select Turret Head	Standard Pre- travel Spring Return	Low Differ- ential Spring Return	Neutral P Standard Pre- travel Spring Return		Extra Light Operating Torque Spring Return	Main- tained Contact	Side Roller Plunger Spring Return Vertical Roller ■	Side Push Rod Plunger Spring Return	Side Push Rod Plunger Adjustable ♦ Spring Return	Side Push Rod Plunger Main- tained Contact	
9 @	3		CW & CCW ▲	CW & CCW ▲	CW & CCW	CW & CCW	CW & CCW ▲	CW (Trip) CCW (Reset)	Type			C	
Select Basic Switch	Con	tacts	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	
	1 N 1 N	I.O. I.C.	C54B2	C54A2			C54N2	C54C	C54F	C54G	C54GD	C54	
Standard	2 N 2 N	I.O. I.C.	C62B2	C62A2			C62N2	C62C	C62F	C62G	C62GD	C62H	
Box Plug-in					C68T10	C68T5							
-	2 N.O		C66B2	C66A2			C66N2		C66F	C66G	C66GD		
Compact Box Plug-in	1 N 1 N	I.O.	C52B2	C52A2			C52N2	C52C	C52F	C52G	C52GD	C52H	
UL Listed for Hazardous	1 N 1 N	I.O. I.C.	CR53B2	CR53A2			CR53N2	CR53C	CR53F	CR53G	CR53GD	CR53H	
Location Division I Class I	2 N.O. 2 N.C.		CR61B2	CR61A2			CR61N2	CR61C	CR61F	CR61G	CR61GD	CR61H	
Groups B,C,D Class II Groups E, F and G	2 N.O2 N.C. Neutral Position				CR67T10	CR67T5							
_, ,	2 N.O.	–2 N.C. Stage	CR65B2	CR65A2			CR65N2		CR65F	CR65G	CR65GD		
	1 N 1 N	I.O.	CF53B2	CF53A2			CF53N2	CF53C	CF53F	CF53G		CF53H	
Fluck	2 N 2 N	I.O.	CF61B2	CF61A2			CF61N2	CF61C	CF61F	CF61G		CF61H	
Flush Mounting	2 N.O Neutral	-2 N.C.			CF67T10	CF67T5							
-	2 N.O.		CF65B2	CF65A2			CF65N2		CF65F	CF65G			
Head Only	Ту	pe nber	В	A	T10	T5	N	С	F	G	GD	Н	
Offiny	Pre-1		10°	5°	10°	5°	10°	45°		0.08"		0.14"	
•	Pre-	First Stage	10°	5°			10°			0.08"			
	travel Two Stage	First to Second Stage	21/2°	1¹/₂°			2¹/₂°			0.02"			
	Total	Travel	90°	90°	90°	90°	90°	90°		0.25"		0.25"	
Nominal Operating		rential	4°	2°	4°	2°	4°			0.03"			
Data	Over	erse travel	90°	90°	90°	90°	90°						
	Torque/ 1 Pole 8	rating Force— & 2 Pole	4 in-lb	4 in-lb	4 in-lb	4 in-lb	25 in-oz	3 in-lb		4 lbs.		7 lbs.	
	—Linea of c (1½" lev	Accuracy ar travel cam ver arm)	± 0.002"	± 0.001"	± 0.002"	± 0.002"	± 0.002"	± 0.002"		0.001"			
Plug-i	n Replaceme Units	ent	To order basic	switch and head n type replacem	less the plug-in	receptacle ba	ase, substitute t	the letters "CO	" for the first "C"	in the type num	nber.		

A These devices are factory set to operate the contacts in **both** the **CW** and **CCW** directions.

Mode of operation is field convertible to CW only or CCW only. To order factory converted devices—for CCW only operation, change the "2" at the end of the type number to "1" (Example: C54B2 becomes C54B1); for CW only operation, delete the "2" at the end of the type number (Example: C54B2 becomes C54B).

Mode Change—Lever Arm Type
Mode of operation is easily convertible to clockwise, counterclockwise, or both. Simply point the arrow to the letters representing the desired direction—CW, CCW, or CW/CCW. All parts are captive.

Selection Mode Arrow



- Can be converted to horizontal roller type in the field. To order horizontal roller version add the letter "H" at the end of the equivalent vertical roller version type number (Example: C54F would become C54FH).

 ◆ To lock the nut in the desired position, crimp the slot near the bottom of the nut.

Acceptable Wire Sizes:	12–22 AWG
Recommended Terminal Clamp Torque	
Lever arms	. p. 19-9, 19-10
Electrical ratings	p. 19-2
Special features	n 19-7 19-8

Heavy Duty Turret Head

Type C—Class 9007

All Type C Switches Are Rated NEMA 6P And UL Type 6P

				Top Plur	nger Type			W	obble Stick Ty	pe			
	<u> </u>		Top Roller Plunger Spring Return	Top Push Rod Plunger Spring Return	Top Push Rod Plunger Adjustable ■ Spring Return	Palm Operated ▲	Universal ★	Wobble Stick DELRIN ◆ Extension ★	Wobble Stick Wire Extension ★	Wobble Stick Coil Spring Extension ★	Cat Whisker	Plug-in Unit Less Head	Plug-in Receptacle Only
		Select Turret Head				3		1			-		
Select Basic Switch	Co	ntacts	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре
	1 1	N.O. N.C.	C54D	C54E	C54ED	C54R▲	C54JKC	C54J	C54K	C54KC	C54L	CO54	CT54
Standard Box	2	N.O. N.C.	C62D	C62E	C62ED	C62R▲	C62JKC	C62J	C62K	C62KC	C62L	CO62	CT62
Plug-in	2 N.C Neutra).–2 N.C. al Position										CO68	CT62
).–2 N.C. Stage	C66D	C66E	C66ED	C66R▲	C66JKC	C66J	C66K	C66KC	C66L	CO66	CT62
Compact Box Plug-in	1	N.O. N.C.	C52D	C52E	C52ED	C52R▲	C52JKC	C52J	C52K	C52KC	C52L	CO52	CT52
UL Listed for Hazardous	1	N.O. N.C.	CR53D	CR53E	CR53ED	CR53R▲	CR53JKC	CR53J	CR53K	CR53KC	CR53L		
Location Division I Class I Groups B,C,D	2 2	N.O. N.C.	CR61D	CR61E	CR61ED	CR61R▲	CR61JKC	CR61J	CR61K	CR61KC	CR61L		
B,C,D Class II Groups E, F and G	2 N.C Neutra	0.–2 N.C. al Position				***							
	2 N.C Two).–2 N.C. Stage	CR65D	CR65E	CR65ED	CR65R▲	CR65JKC	CR65J	CR65K	CR65KC	CR65L		
Head Only	Туре	Number	D	E	ED	R▲	JKC	J	K	KC	L		
	Pre	-travel		0.	08"			10° (Any	Direction)		20°		
	Pre- travel	First Stage		0.	08"			10° (Any	Direction)		20°		
	Two Stage	First to Second Stage		0.	01"			,	4°		5°		
Nominal		l Travel			25"				0°		90°		
Operating Data		erential		0.	02"			-	3°		6°		
	Ove	ertravel											
	Force and	ng Torque/ —1 Pole 2 Pole		3	lbs.			3 i	n-lb		7 in-oz		
	— Line	Accuracy ear travel cam		± 0.	001"								
Plug-in	Replacer Units	ment	To order bas Example: O	ic switch and he pen type replac	ead less the plu ement for Type	g-in receptacle C54D is Type (base, substitut CO54D.	e the letters "Co	O" for the first "C	C" in the type nu	ımber.		

A Price does not include mushroom button. Must be ordered separately. See page 19-8.
 ■ To lock the nut in the desired position, crimp the slot near the bottom of the nut.
 ◆ DELRIN is a registered trademark of DuPont.
 ★ Wobble stick extensions are available separately for the universal head or as replacements for complete devices as follows:

Description	Туре	Price
DELRIN extension Wire extension Coil Spring extension	WJ WK WKC	







LR25490 3211-03



E10054 NOIV



LR26817 3218-02



Compact Box



Hazardous Location



Standard Box



Flush Mounting

 Acceptable Wire Sizes:
 12–22 AWG

 Recommended Terminal Clamp Torque
 7 in-lb



Heavy Duty, Industrial Reed Contact

Class 9007—Type C

Heavy Duty Precision Turret Head Type

Can be used with standard industrial relays and starters to NEMA size 4.

UL Listed for Class I, II and III Division 2 Groups B, C, D, F and G hazardous locations. They can also be used as inputs to intrinsically safe systems.

Note: Because reed switches are operated by a magnet, they should not be installed in areas where strong magnetic fields may be present. The devices should always be checked for proper operation after installation

All Type C Switches Are Rated NEMA 6P And UL Type 6P

		ii o i iatoa i	1211171 01 71	a o= .ypc	, <u></u>									
	<u> </u>		Co	I	_ever Arm Typ	e		Side Plu	nger Type		Plug-in Unit	Plug-in Receptacle		
		Select Turret Head		Turret		Low Differential Spring Return	Extra Light Operating Torque Spring Return	Maintained Contact	Side Roller Plunger Spring Return Vertical	Side Push Rod Plunger Spring Return	Side Push Rod Plunger Adjustable * Spring	Side Push Rod Plunger Maintained Contact	Less Head	Only
	9		CW & CCW▲	CW & CCW▲	CW & CCW▲	CW (Trip) CCW (Reset)	Roller ■ Type		Return	S. C.				
Select Basic Switch	Con	tacts	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре		
Standard	Dead	1 N.O.	C84B2	C84A2	C84N2	C84C	C84F	C84G	C84GD	C84H	▼	CT54		
Box Plug-in	Reed	1 N.C.	C86B2	C86A2	C86N2	C86C	C86F	C86G	C86GD	C86H	▼	CT54		
Head Only	Type N	Number	В	Α	N	С	F	G	GD	Н				
	Pre-	travel	13°	7°	13°	45°		0.110"	•	0.14"				
	Total Travel		90°	90°	90°	90°		0.25"		0.25"				
Nominal	Diffe	rential	7°	4°	7°			0.07"						
Operating	Reverse	Overtravel	90°	90°	90°									
Data	Operating T	orque/Force	4 in-lb	4 in-lb	25 in-oz	3 in-lb		4 lbs.		7 lbs.				
	Linear tra	ccuracy— vel of cam ver arm)	± 0.006"	± 0.003"	± 0.006"	± 0.006"		± 0.003"						

<u> </u>				Top Plu	ınger Type			W	obble Stick Ty	pe			
	Tur	lect rret ead	Top Roller Plunger Spring Return	Top Push Rod Plunger Spring Return	Top Push Rod Plunger Adjustable ★ Spring Return Top Push Palm Operated ◆		Universal △	Wobble Stick DELRIN Extension△	Wobble Stick Wire Extension△	Wobble Stick Coil Spring Extension△	Cat Whisker	Plug-in Unit Less Head	Plug-in Recep- tacle Only
	Select Basic Contacts		-			0				-		S. WILL	
	Cont	tacts	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Туре	Type
Standard Box	Reed	1 N.O.	C84D	C84E	C84ED	C84R ◆	C84JKC	C84J	C84K	C84KC	C84L	•	CT54
Plug-in	Heea	1 N.C.	C86D	C86E	C86ED	C86R ◆	C86JKC	C86J	C86K	C86KC	C86L	•	CT54
Head Only	Type N	lumber	D	E	ED	R♦	JKC	J	К	КС	L		
	Pre-t	travel		0	.100"			13° (Any	Direction)		25°		
	Total	Travel		C).25"			9	0°		90°		
Nominal	Differ	ential		().05"			1	1°		18°		
Operating Data	Operating Torque/Force			4	l lbs.			3 iı	7 in-oz				
	—Linea	Accuracy ar travel am		± (0.003"								
Plug-in l	Replacem Units	ent	To order basic Example: Op	switch and he en type replace	ad less the plug-in ement for Type C8	receptacle bas 4B2 is Type CO	se, substitute the 84B2.	ne letters "CO" f	or the first "C" i	n the type num	ber.		

These devices are factory set to operate the contacts in **both** the **CW** and **CCW** directions. **Mode of operation** is field convertible to CW only or CCW only. **To order factory converted devices**—for CCW only operation, change the "2" at the end of the type number to "1" (Example: C84B2 becomes C84B1); for CW only operation, delete the "2" at the end of the type number (Example: C84B2 becomes C84B1).

Can be converted to horizontal roller type in the field. To order horizontal roller version add the letter "H" at the end of the equivalent vertical roller version type number (Example: C84F would become C84FH).

Price does not include mushroom button. Must be ordered separately from page 19-8.

To lock the nut in the desired position, crimp the slot near the bottom of the nut.

Plug-in units less head are not available as separate units. Order complete plug-in replacement units instead. Plug-in replacement units include the plug-in unit and head.

Wobble stick extensions are available separately for the universal head or as replacements for complete devices. See bottom of page 19-6.





.....12–22 AWG Acceptable Wire Sizes:



Factory Modifications (Forms)

Type C—Class 9007

Special Features (Do not apply to Types CF or CR unless noted)—Not Field Installable, Except Where Noted

Optional Shaft Equipped With Typ any lever arm Type C, CF or CR swi	•	atures	Form	Pr Add					
y lever arm Typė Č, ČF or CR switch can be furnished with an optional shaft and hub combination (chi will accept the lever arms normally used with Type T and FT limit (position) switches. To order, dispass suffix to the device type number. For example, to order a 9007 C54B2 with this diffication, order as a 9007 C54B2-S9. For details about the switches and lever arms that can be nished with this modification, see the appropriate product catalog. B ONLY: Can be field installed on any Type C lever type switch. Class 9007 Type S9, \$6.00 each. LED Pilot Light, 24-120 Volts AC or DC on Plug-In Type Switch (Type C52, C54, C62, C64, C66, C68 or ▲): Addition of LED pilot light in parallel with N.O. contact (light normally on). Addition of LED pilot lights, one in parallel with N.O. contact (light normally on), one in parallel with N.C. contact (light normally on). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally on) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally on) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally on) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally on) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally off) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally off) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally off) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally only) (Types C62, C64, C66, or C68 only). Addition of two LED pilot lights in parallel with N.O. contacts (lights normally only) (Types C62, C64, C66, or C68 only).									
. 41310. For use with Brad Harriso	on female portable plug No. 41306, 4130	77, or 41308 (or equal). (Not available with P10 or for hazardous locations.)	Y1901						
ngle Pole—Y1905: Same as Y190 mperproof Screws—Complete	•		Y1905						
gle Pole—Same as Y1901 but w	with tamperproof screws on head and boo	dy	Y1903						
iei versions with amerent wiring o	diagrams per automotive requirements ar								
		Wiring Diagrams Form Y190							
		Forms Y1901 and Y1903 Form Y1905							
ing plug and cables available—a	also see product catalog.	Orange- 3 4-Red White- 3 4-Black White- 1 2-Black Orange- 1 2-Red							
		White- 10-4-2 -Black Orange- 10-4-2 -Red							
		Green-							
pe switchesst Boot Only:	e C and CR lever type switch. Class 9007	Iditional protection against abrasive dusts, dirt, grit and sand. Available on all Type C and CR lever. 7 Type BT3,	Y33						
	riug-iii neceptacie Only.								
wo pole plug-in limit (position) sv) switch or receptacle pre-wired with five witch or receptacle pre-wired with nine #	#16 wires five feet long and wire entry completely sealed with Epoxy Resin	Y1841 Y1842						
ingle pole plug-in limit (position) wo pole plug-in limit (position) so h STOWA Cord ingle pole plug-in limit (position) Epoxy Resin ingle Pole—Y1855: Same as Y	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding.	16 wires five feet long and wire entry completely sealed with Epoxy Resin. conductor #16 STOWA cord eight feet long and wire entry completely sealed with							
ingle pole plug-in limit (position) we pole plug-in limit (position) si h STOWA Cord ingle pole plug-in limit (position) si Epoxy Resin	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding . tch or receptacle pre-wired with nine con 52 but with different wire color coding .	16 wires five feet long and wire entry completely sealed with Epoxy Resin	Y1842 Y1851						
ingle pole plug-in limit (position) su h STOWA Cord single pole plug-in limit (position) su h STOWA Cord single pole plug-in limit (position) Epoxy Resin lingle Pole—Y1855: Same as Y18 pole plug-in limit (position) swit with Epoxy Resin wov Pole—Y1856: Same as Y188 nperproof Screws—Complete S h Individual Wires same as Y1841 but with tamperpicame as Y1842 but with tampe	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding tch or receptacle pre-wired with nine con 52 but with different wire color coding Switch Only proof screws on head and body	16 wires five feet long and wire entry completely sealed with Epoxy Resin. conductor #16 STOWA cord eight feet long and wire entry completely sealed with nductor #16 STOWA cord eight feet long and wire entry completely sealed	Y1842 Y1851 Y1855 Y1852						
ingle pole plug-in limit (position) sw pole plug-in limit (position) sh STOWA Cord ingle pole plug-in limit (position) st Epoxy Resin Epoxy Resin Dopel plug-in limit (position) swith with Epoxy Resin Mary Pole Plug-in limit (position) swith with Epoxy Resin Mary Pole Plug-in limit (position) swith with Epoxy Resin Mary Pole Plug-in limit (position) swith with Epoxy Resin Mary Pole Plug-in limit (position) swith with Epoxy Resin Mary Pole Plug-in limit (position) swith Individual Wires are as Y1841 but with tamperpiame as Y1855 but with tamperpiame as Y1856 but with tamp	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding. tch or receptacle pre-wired with nine con 52 but with different wire color coding. Switch Only proof screws on head and body	16 wires five feet long and wire entry completely sealed with Epoxy Resin. conductor #16 STOWA cord eight feet long and wire entry completely sealed with nductor #16 STOWA cord eight feet long and wire entry completely sealed	Y1842 Y1851 Y1855 Y1852 Y1856						
ingle pole plug-in limit (position) sw pole plug-in limit (position) sh STOWA Cord ingle pole plug-in limit (position) st pole plug-in limit (position) swith with Epoxy Resin	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding. tch or receptacle pre-wired with nine con 52 but with different wire color coding. Switch Only proof screws on head and body	16 wires five feet long and wire entry completely sealed with Epoxy Resin. conductor #16 STOWA cord eight feet long and wire entry completely sealed with nductor #16 STOWA cord eight feet long and wire entry completely sealed	Y1842 Y1851 Y1855 Y1852 Y1856 Y1843 Y1844 Y1853 Y1854 Y1857						
ingle pole plug-in limit (position) we pole plug-in limit (position) sins STOWA Cord lingle pole plug-in limit (position) single pole plug-in limit (position) single Pole—Y1855: Same as Y15 pole plug-in limit (position) swith with Epoxy Resin	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding . tch or receptacle pre-wired with nine con 52 but with different wire color coding . Switch Only proof screws on head and body or screws	conductor #16 STOWA cord eight feet long and wire entry completely sealed with ductor #16 STOWA cord eight feet long and wire entry completely sealed with entry completely sealed re available.	Y1842 Y1851 Y1855 Y1852 Y1856 Y1843 Y1844 Y1853 Y1854 Y1857						
ingle pole plug-in limit (position) we pole plug-in limit (position) si h STOWA Cord ingle pole plug-in limit (position) si h STOWA Cord ingle pole plug-in limit (position) swith plant pole plug-in limit (position) swith with Epoxy Resin	witch or receptacle pre-wired with nine #) switch or receptacle pre-wired with five 1851 but with different wire color coding toh or receptacle pre-wired with nine con 52 but with different wire color coding Switch Only proof screws on head and body diagrams per automotive requirements ar Forms Y1852 and Y1854 Drange- 4	conductor #16 STOWA cord eight feet long and wire entry completely sealed with ductor #16 STOWA cord eight feet long and wire entry completely sealed re available. Forms Y1855 and Y1857 White-3 4-Black Orange-1 7-Red Forms Y1856 and Y1858 Yellow- 4 Yellow- 4 Yellow- 4 Forms Y1856 and Y1858	Y1842 Y1851 Y1855 Y1852 Y1856 Y1843 Y1844 Y1853 Y1854 Y1857						
ingle pole plug-in limit (position) we pole plug-in limit (position) si h STOWA Cord ingle pole plug-in limit (position) si h STOWA Cord ingle pole plug-in limit (position) swith plant pole plug-in limit (position) swith with Epoxy Resin	witch or receptacle pre-wired with nine # switch or receptacle pre-wired with five 1851 but with different wire color coding. tch or receptacle pre-wired with nine con 52 but with different wire color coding. Switch Only proof screws on head and body diagrams per automotive requirements ar Forms Y1852 and Y1854 Drange- 4 B Brown Red- 3 Province Screws Red- 3 Red- 3 Red- 7 Prellow	conductor #16 STOWA cord eight feet long and wire entry completely sealed with ductor #16 STOWA cord eight feet long and wire entry completely sealed re available. Forms Y1855 and Y 1857 White-3 Vellow-4 Green-4 Brown-3 Forms Y1856 and Y1858 Yellow-4 Forms Y	Y1842 Y1851 Y1855 Y1852 Y1856 Y1843 Y1844 Y1853 Y1854 Y1857						
ingle pole plug-in limit (position) we pole plug-in limit (position) sins pole plug-in limit (position) sins STOWA Cord ingle pole plug-in limit (position) single Pole—Y1855: Same as Y1851 pole plug-in limit (position) swith Epoxy Resin	witch or receptacle pre-wired with nine # switch or receptacle pre-wired with five 1851 but with different wire color coding. tch or receptacle pre-wired with nine con 52 but with different wire color coding. Switch Only proof screws on head and body diagrams per automotive requirements ar Forms Y1852 and Y1854 Drange- 4 Black- 2 Black- 2 Black- 3 Black- 5 Blue White- 1 Sprink	conductor #16 STOWA cord eight feet long and wire entry completely sealed with ductor #16 STOWA cord eight feet long and wire entry completely sealed re available. Forms Y1855 and Y 1857 White-3 White-3 Green- Green- Red- 2 Willow- Forms Y1856 and Y1858 Forms Y1856 and Y1858	Y1842 Y1851 Y1855 Y1852 Y1856 Y1843 Y1844 Y1853 Y1854 Y1857						
ingle pole plug-in limit (position) we pole plug-in limit (position) so a STOWA Cord ingle pole plug-in limit (position) so a STOWA Cord ingle pole plug-in limit (position) swith pole plug-in limit (position) swith the poxy Resin	witch or receptacle pre-wired with nine # switch or receptacle pre-wired with five 1851 but with different wire color coding. tch or receptacle pre-wired with nine con 52 but with different wire color coding. Switch Only proof screws on head and body diagrams per automotive requirements ar Forms Y1852 and Y1854 Drange- 4 Black- 2 Black- 2 Black- 3 Black- 5 Blue White- 1 Sprink	conductor #16 STOWA cord eight feet long and wire entry completely sealed with ductor #16 STOWA cord eight feet long and wire entry completely sealed re available. Forms Y1855 and Y 1857 White-3 Vellow-4 Green-4 Brown-3 Forms Y1856 and Y1858 Yellow-4 Forms Y	Y1842 Y1851 Y1855 Y1852 Y1856 Y1843 Y1844 Y1853 Y1854 Y1857						



Factory Modifications (Forms)

Class 9007—Type C

Special Features (Do not apply to Types CF or CR unless noted)—Not Field Installable, Except Where Noted

							Sp	ecial Feat	ures		Form	Price Addition
Recep Availab	nifold Mounting: Deptacle is furnished with a wiring hole and a gasket on the base. Deptacle is furnished with a wiring hole and a gasket on the base. Deptacle is furnished with a wiring hole and a gasket on the base. Deptacle is furnished with a wiring hole and a gasket on the base. The variable of the variable											
Specia	l Chemi	ical Res	istant C	oating (Includes flouro	carbon [\	/ITON] seals	—Y140, an	nd stainless stee	el head and body screws)	L3	
L ow T e	emperates -20° F	ure—Le to 185°	ver Type F). Minir	es Only: num tem	Limit (Position) perature is bas	switch wi	Il operate in a	n ambient freezing mo	temperature rar pisture or water.	ge of -40° F to 185° F (standard limit switch ambient temperature	Y128	
Substiff Leve Leve Plun Plun Subs Note: I Direct One por This mecha	er arm typer arm typer arm typer type, stitution of the common of the co	iliourocar be, stando be, comp standar compact flouroc rbon (VI Contacts ally clos m was de the limit s	tbon (VI) dard box bact box ct box carbon (I) TON) has: ed, slow esigned switch a	TON) gas (shaft so (shaft so VITON) I as been so make-so for use ii	skets and seals eals on lever ari eals on lever ari boot only on plu shown to resist low break, direct n emergency on dependent up	m types am types am types am types am types sunlight am test acting contravel am the form the	e switches ging problem contact mechapplications.	ns. ns. nanism sub The movab	stituted for stan	dard snap switch on Types C52, C54, CF53 and CR53 devices. s basic switch unit is acted upon directly by the actuating ring to open the circuit. Because these contacts are slow make-tronly if anormal overtravel is encountered.	Y140 Y140 Y140 Y140 Y140 Y1401	
lote: I	,	ting cont	acts de	cribed at	pove are supplie	,		Ü		•		
			NEMA	<u> </u>				DC				
	M	ax. Curr	ent—35	% Powe	er Factor		Maxim	um Curren	ıt			
Volts	Ma	ke	Br	eak	Continuous	Volts	Make or	Break	Continuous			
	A VA A VA Carrying A VOIS A VA Carrying A											
120	60	7200	6	720	10	125	1.1/0.55 ▲	138/69 ▲	5/2.5 ▲			
240	30	7200	3	720	10					(* \subseteq (*)		
480	15	7200	1.5	720	10	250	0.27	67.5	2.5			
600	12	7200	1.2	720	10	600	0.10	60	2.5	Diversit Askin		
					Vdc—same rat					Direct Acting Contact Mechanism (Shown without Cover)		

Adapters—Field Installable

Description	Class 9007	Price
Switch with adapter plate permitting substitution of any Type C switch with standard box for any Type T switch with Style B baseplate	Form Y147	
Adapter Plate Kit only (plate plus mounting screws) for above	Type BT1	
Adapter plate to allow direct substitution of Type C plunger switches for Type B plug-in plunger switches— use only if there is a problem in lining up cam tracks Standard Box Compact Box	Type CT10 ■ Type CT13 ◆	
Adapter Plate Kit permitting direct substitution of any Type C lever arm switch with standard box for ANY Type AW lever arm switch	Type CT11	
Conduit connection adapter—male 1/2" NPT on one end, female 20 mm on other end	Type CT12	

Substitution of direct acting contact unit for snap switch of single pole switch

Mushroom Button For Palm Operated Turret Head

Also see Type C Palm Operated Switches

Color	1³/ ₈ " Dia. Button Type No.	2¹/₄" Dia. Button Type No.	Price
Black	2358C6G3		
Red	2358C6G2	2358C22G3	
Green	2358C6G6	2358C22G6	
Yellow	2358C6G8	2358C22G8	

Y1561

[■] Dimensions: 0.22" x 2.94" x 1.54" ♦ Dimensions: 0.22" x 2.07" x 1.54"



Lever Arms

Types AW and C-Class 9007

Standard roller is hardened oil-impregnated sintered iron. Bold face type numbers indicate the most commonly used lever arms.

Cast Zinc Lever Arms

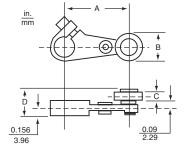
	Longth								Ro	ller							
	Length of Arm (A)	Standard 3/4" Dia. (B) 1/4" Wide (C)		Standard ³ ⁄ ₄ " Dia. (B) ⁵ ⁄ ₈ " Wide (C)		Standard 5/8" Dia. (B) 1/4" Wide (C)		Stan 5/8" Di 5/8" Wi	a. (B)	Nyl ³ ⁄ ₄ " Di: ¹ ⁄ ₄ " Wi	a. (B)	Nyl 5/8" Dia 1/4" Wie	a. (B)	Nylon 5/8" Dia. (B) 5/8" Wide (C)		Nylo 1" Dia 5%" Wi	on ▲ a. (B) de (C)
Cast Lever Arm	. ,	Туре	Price	Туре	Price	Туре	Price	Type	Price	Type	Price	Type	Price	Type	Price	Туре	Price
	7/8" 13/8" 11/2" 2" 21/2" 3"	BA11 MA11 CA11 DA11 EA11	:	BA12 MA12 CA12 DA12 EA12	;	AA1 BA1 MA1 CA1 DA1 EA1		AA2 BA2 MA2 CA2 DA2 EA2		BA18 MA18 CA18 DA18 EA18		AA8 BA8 MA8 CA8 DA8 EA8		AA17 BA17 MA17 CA17 DA17 EA17		BA13 MA13 CA13 DA13 EA13	
	Length of Arm (A)	1" Dia. (B) 1½" Dia n 1½" Wide (C) 1½" Wid		Ball Bearing 11/16" Dia. (B) 14" Wide (C) 4" Wide (C) 17" Wide (C) 17" Wide (C) 18 Roller on 19 Opposite Side 10 Standard		Standard 5/8" Dia. (B) 1/4" Wide (C) Roller on Opposite Side to Standard		Standard 5%" Dia. (B) 5%" Wide (C) Roller on Opposite Side to Standard		Without Roller		Standard 3/4" Dia. (B) 1/4" Wide (C) (Countersunk Roller Pin)		Cable Operated With Eyebolt (3/8" I.D.) Instead of Roller			
		Туре	Price	Type	Price	Туре	Price	Type	Price	Туре	Price	Туре	Price	Туре	Price	Туре	Price
	7/8" 13/8" 11/2" 2" 21/2" 3"	BA4 MA4 CA4 DA4 EA4	•••	AA9 BA9 MA9 CA9 DA9 EA9		BA15 MA15 CA15 DA15 EA15	•	AA5 BA5 MA5 CA5 DA5 EA5		AA6 BA6 MA6 CA6 DA6 EA6		AA0 BA0 MA0 CA0 DA0 EA0		MA31 CA31 DA31		MA22 	

Flat Steel Lever Arms

		Roller											
	Length of Arm (A)	Stan ⁵ / ₈ " Di ¹ / ₄ " Wi		Stan ⁵ / ₈ " Di ⁵ / ₈ " Wi	a. (B)	Nyle ³ ⁄ ₄ " Dia ¹ ⁄ ₄ " Wic	i. (B)	Ny 1" Dia 1⁄4" Wi	a. (B)	None			
		Туре	Price	Туре	Price	Туре	Price	Туре	Price	Туре	Price		
2	7/8" 13/8"	AA1S BA1S		AA2S BA2S				BA4S		AA0S BA0S			
Steel r Arm	1½" 2" 2½" 3"	CA1S DA1S EA1S		CA2S DA2S EA2S		MA18S 		CA4S DA4S EA4S		CA0S DA0S EA0S	•••		

90° Forked Cast Zinc Lever Arms

0	Roller Position	Standard 3/4" Dia. (B) 1/4" Wide (C) Rollers	Standard 5/8" Dia. (B) 1/4" Wide (C) Rollers	Nylon 3/4" Dia. (B) 1/4" Wide (C) Rollers	Nylon ³ ⁄ ₄ " Dia. (B) 1" Wide (C) Rollers		Ball Bea 11/ ₁₆ " Dia 1/ ₄ " Wide Roller	. (Ĕ) . (C)
X		Туре	Туре	Туре	Туре	Price	Туре	Price
	Rollers on Same Side	LA4	LA1	LA16	LA10		LA7	
0	R.H. Roller on Opp. Side	LA5	LA2	LA17	LA11		LA8	
90° Forked Arm 1½" Length	L.H. Roller on Opp. Side	LA6	LA3	LA18	LA12		LA9	



Cast Zinc Lever Arm Dimensions

A = Length of Lever Arm B = Roller Diameter C = Roller Width D = $C+\frac{5}{16}$ "

See price tables for A, B and C dimensions. Approximate shipping weights range from $^{1}\!/_{\!8}$ lb. to $^{1}\!/_{\!4}$ lb.

One-Way Cast Zinc Roller Lever Arm

-	11/4" Dia. (B) 1/4" Wide (C) Roller								
	Length	Cast	Arm	Flat Steel Arm					
100	of Arm	Туре	Price	Туре	Price				
One-Way Roller Lever Arm	1 ³ / ₈ " 1 ¹ / ₂ " 2" 2 ¹ / ₂ " 3"	BA3 MA3 CA3 DA3 EA3		BA3S CA3S DA3S EA3S					

One-Way Lever Arms

0		Roller								
Lengt of Arm		Standard 3/4" Dia. (B) 1/4" Wide (C)		Nylon ³ ⁄ ₄ " Dia. (B) ¹ ⁄ ₄ " Wide (C)		Ball Bearing 11/16" Dia. (B) 1/4" Wide (C)		Rod Type		
10		Туре	Price	Туре	Price	Туре	Price	Туре	Price	
One-Way	11/2"	RA11		RA18		RA9	\$			
Lever Arm	5"							FA2		

Recommended in place of Types BA7, CA7, DA7, EA7 and MA7 lever arms with steel rollers. If necessary, the latter arms can be furnished

Roller inside.

Offset Type Cast Zinc Lever Arms

	Std.	Roller	Time	Price
	Dia. (B)	Width (C)	Туре	Price
- 0	5/8 5/8 3/4 3/4	1/ ₄ 5/ ₈ 1/ ₄ 5/ ₈	KA1 KA2 KA11 KA12	
	Ball E	Bearing	KA9	
Offset Lever Arm			KA9	
2" Length ⁷ / ₁₆ " Offset	Ny	/lon	KA18	
	3/ ₄ 3/ ₄	1/ ₄ 1	KA21	
	Std.	Roller	Tuna	Price
1½" Length ⁷ / ₈ " Offset	Dia. (B)	Width (C)	Туре	Price
½° Uπset	3/ ₄ 3/ ₄	1/4 1/4	KB11 KB15 ■	

Product Information

Lever Arms

Class 9007—Types AW and C

Standard roller is hardened oil-impregnated sintered iron. Bold face type numbers indicate the most commonly used lever arms.

Adjustable Length Lever Arms

Adjustable Length Lever Arm Adj. from 7/8" to 4"

	Roller												
Description	Standard 5/8" Dia. 1/4" Wide	Standard 5/8" Dia. 5/8" Wide	Nylon 5∕8" Dia. 1∕4" Wide	Without Roller	Price	Ball Brg. 11/16" Dia. 1/4" Wide	Nylon ▲ 1" Dia. 5⁄8" Wide	DELRIN 15/8" Dia. 1/4" Wide	Price	Ny 2" I 1⁄4" \		Rubbe 21/8" 1/2" \	
	Туре	Туре	Туре	Туре		Туре	Туре	Туре		Туре	Price	Туре	Price
Non-bendable	HA1	HA2	HA4	HA0		HA24	HA22						
Bendable	HA5	HA6	HA8	HA9		HA25	HA23	HA20		HA26		HA21	

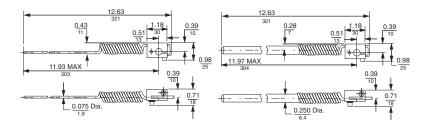
[▲] Recommended in place of Types HA3 and HA7 lever arms with steel rollers. If necessary these arms can be furnished at

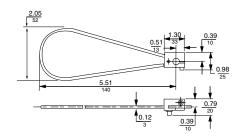
360° Angular Adjustable Lever Arms

	Length of Arm		Roller (can be changed in the field from roller outside to roller inside position or vice versa)									
			dard Dia. Vide	Standard 3/4" Dia. 1/4" Wide	Nylon 5/8" Dia. 1/4" Wide	Nylon 3/4" Dia. 1/4" Wide	Price	Ball Bearing 11/16" Dia. 1/4" Wide				
360° Angular Adjustable		Roller Outside	Roller Inside	Roller Outside	Roller Outside	Roller Outside	Tille	Roller Outside	Price			
Lever Arm		Туре	Туре	Туре	Type	Type		Type				
Level Allii	7/8" 13/8" 11/2" 2" 21/2" 3"	AA1M BA1M MA1M CA1M DA1M EA1M	AA5M BA5M MA5M CA5M DA5M EA5M	AA11M BA11M MA11M CA11M DA11M EA11M	AA8M BA8M MA8M CA8M DA8M EA8M	AA18M BA18M MA18M CA18M DA18M EA18M		AA9M BA9M MA9M CA9M DA9M EA9M				

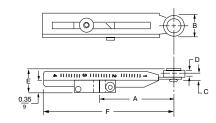
Rod Type Lever Arms

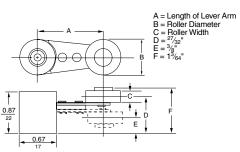
	Rod	Туре	Price
Rod Type Lever Arm	10" Stainless Steel Rod 12" Spring Rod, Steel 12" Spring Rod, DELRIN Looped Rod Arm	FA1 FA3 FA5 FA6	
	90° Forked Rod 2½" Spring Rods, Steel	LA19	





Dual Dimensions: INCHES Millimeters





Approximate shipping weights range from $^{1}/_{8}"$ lb. to $^{1}/_{4}$ lb.

