

HEAVY-DUTY TEMPERATURE SWITCHES -- example: Cooling Fan & Shutter Control

Double-snap action. 7 amps resistive, 4 amps inductive.

Thread Size	Temp °F	Mode (see below)	Standard INDEX P/N	Old Index P/N	Direct Replacement BorgWarner / Kysor P/Ns	Direct Replacement Horton P/Ns	Can also replace these			
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Two Terminals 1/2 inch NPT Housing

1/2 inch	120	NO	8037134P	TM-501C2-120NO		1002-05850-16					
1/2 inch	150	NO	8037013P	TM-501C2-150NO	1002-05554-22	1002-05850-22	993662	15953	B-14456		
1/2 inch	165	NO	8037108P	TM-501C2-165NO	1002-05554-25	1002-05850-25					
1/2 inch	180	NO	8037014P	TM-501C2-180NO	1002-05554-28	1002-05850-28	993615	15944	B-14017		
1/2 inch	185	NO	8037018P	TM-501C2-185NO	1002-05554-29	1002-05850-29	993616	15942	B-14015	1002-07988-29	
1/2 inch	190	NO	8037022P	TM-501C2-190NO	1002-05554-30	1002-05850-30	993617	15943	B-14016	1002-07988-30	
1/2 inch	195	NO	8037026P	TM-501C2-195NO	1002-05554-31	1002-05850-31	993653	15957	P-2296	1002-07988-31	
1/2 inch	200	NO	8037030P	TM-501C2-200NO	1002-05554-32	1002-05850-32	993654	15954	P-2233	1002-07988-32	
1/2 inch	205	NO	8037034P	TM-501C2-205NO	1002-05554-33	1002-05850-33	993655			1002-07988-33	
1/2 inch	210	NO	8037037P	TM-501C2-210NO	1002-05554-34	1002-05850-34	993624	15947	B-14020	1002-07988-34	
1/2 inch	215	NO	8037184P	TM-501C2-215NO	1002-05554-35	1002-05850-35		15945	B-14018	1002-07988-35	
1/2 inch	220	NO	8037041P	TM-501C2-220NO	1002-05554-36	1002-05850-36	993626	15948	B-14021	1002-07988-36	
1/2 inch	250	NO	8037111P	TM-501C2-250NO	1002-05554-42	1002-05850-42					
1/2 inch	300	NO	8037112P	TM-501C2-300NO	1002-05554-52	1002-05850-52		15946	B-14019		
3/8 inch	150	NC	8037121P	TM-501C2-150NC	1002-07393-22						1002-07479-22
1/2 inch	165	NC	8037107P	TM-501C2-165NC	1002-07393-25						
1/2 inch	185	NC	8037016P	TM-501C2-185NC	1002-07393-29		993619	15952	B-14024	1002-07479-29	
1/2 inch	190	NC	8037020P	TM-501C2-190NC	1002-07393-30		993603	15939	B-14012	1002-07479-30	
1/2 inch	195	NC	8037024P	TM-501C2-195NC	1002-07393-31		993605	15949	B-14022	1002-07479-31	
1/2 inch	200	NC	8037028P	TM-501C2-200NC	1002-07393-32		993606	15941	B-14014	1002-07479-32	
1/2 inch	205	NC	8037032P	TM-501C2-205NO	1002-07393-33		993607	15940	B-14013	1002-07479-33	
1/2 inch	210	NC	8037036P	TM-501C2-210NO	1002-07393-34					1002-07479-34	
1/2 inch	215	NC	8037039P	TM-501C2-215NO	1002-07393-35		993665		B-14751	1002-07479-35	
1/2 inch	220	NC	8037040P	TM-501C2-220NO	1002-07393-36					1002-07479-36	

Mode: NO = Normally Open, NC = Normally Closed, CO = either NO NC

Thread Size	Temp °F	Mode (see below)	Standard INDEX P/N	Old Index P/N	Direct Replacement BorgWarner / Kysor P/Ns	Direct Replacement Horton P/Ns	Can also replace these
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Two Terminals

3/8 inch NPT Housing

HEAVY-DUTY TEMPERATURE SWITCHES

3/8 inch	185	NC	8037176P	TM-502E2-185CO	1002-05825-29			
3/8 inch	190	NC	8037177P	TM-502E2-190CO	1002-05825-30	Index P/Ns listed as NC replacements are 3 terminal switches. Use NC and CO terminals.		
3/8 inch	195	NC	8037093P	TM-502E2-195CO	1002-05825-31			
3/8 inch	200	NC	8037178P	TM-502E2-200CO	1002-05825-32			
3/8 inch	205	NC	8037179P	TM-502E2-205CO	1002-05825-33			
3/8 inch	210	NC	8037180P	TM-502E2-210CO	1002-05825-34			
3/8 inch	220	NC	8037099P	TM-502E2-220CO	1002-05825-36			
3/8 inch	195	NO	8037082P	TM-502C2-195NO			993610	P-1602
3/8 inch	180	NO	8037183P	TM-502C2-195NO	1002-05825-28			

Three Terminals

3/8 inch NPT Housing

3/8 inch	140	CO	8037142	TM-502E2-140CO	1002-04880-20			
3/8 inch	145	CO	8037143	TM-502E2-145CO	1002-04880-21			
3/8 inch	160	CO	8037090	TM-502E2-160CO	1002-04880-24			
3/8 inch	180	CO	8037175	TM-502E2-180CO	1002-04880-28			
3/8 inch	185	CO	8037176	TM-502E2-185CO	1002-04880-29			
3/8 inch	190	CO	8037177	TM-502E2-190CO	1002-04880-30			1002-07955-30
3/8 inch	195	CO	8037093	TM-502E2-195CO	1002-04880-31			1002-07955-31
3/8 inch	200	CO	8037178	TM-502E2-200CO	1002-04880-32			1002-07955-32
3/8 inch	205	CO	8037179	TM-502E2-205CO	1002-04880-33			1002-07955-33
3/8 inch	210	CO	8037180	TM-502E2-210CO	1002-04880-34			1002-07955-34
3/8 inch	215	CO	8037098	TM-502E2-215CO	1002-04880-35			1002-07955-35
3/8 inch	220	CO	8037099	TM-502E2-220CO	1002-04880-36			1002-07955-36
3/8 inch	225	CO	8037126	TM-502E2-225CO	1002-04880-37			1002-07955-37
3/8 inch	240	CO	8037127	TM-502E2-240CO	1002-04880-40			1002-07955-40
3/8 inch	250	CO	8037224	TM-502E2-250CO	1002-04880-42			1002-07955-42
3/8 inch	255	CO	8037181	TM-502E2-255CO	1002-04880-43			

Mode: NO = Normally Open, NC = Normally Closed, CO = either NO NC

Thread Size	Temp °F	Mode (see below)	Standard INDEX P/N	Old Index P/N	Direct Replacement BorgWarner / Kysor P/Ns	Direct Replacement Horton P/Ns	Can also replace these
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**One Terminal
3/8 inch NPT Housing**

OVERTEMP WARNING SWITCHES

Snap action temperature disc. 1 amp resistive, 0.5 amps inductive.

3/8 inch	165	NO	8039059	TB-152A2-165NO	1002-05811-25			
3/8 inch	190	NO	8039071	TB-152A2-190NO	1002-05811-30			1002-07700-30 1002-07450-30
3/8 inch	200	NO	8039032	TB-152A2-200NO	1002-05811-32			1002-07700-32 1002-07450-32
3/8 inch	205	NO	8039051	TB-152A2-205NO	1002-05811-33			1002-07700-33 1002-07450-33
3/8 inch	210	NO	8039034	TB-152A2-210NO	1002-05811-34			1002-07700-34 1002-07450-34
3/8 inch	215	NO	8039052	TB-152A2-215NO	1002-05811-35			1002-07700-35 1002-07450-35
3/8 inch	220	NO	8039039	TB-152A2-220NO	1002-05811-36			1002-07700-36 1002-07450-36
3/8 inch	225	NO	8039041	TB-152A2-225NO	1002-05811-37			1002-07700-37 1002-07450-37
3/8 inch	230	NO	8039042	TB-152A2-230NO	1002-05811-38			1002-07700-38 1002-07450-38
3/8 inch	250	NO	8039045	TB-152A2-250NO	1002-05811-42			1002-07700-42 1002-07450-42
3/8 inch	300	NO	8039072	TB-152A2-300NO	1002-05811-52			1002-07700-52 1002-07450-52
3/8 inch	205	NC	8039069	TB-152A2-205NC	1002-05769-33			1002-07338-33 1002-07476-33
3/8 inch	210	NC	8039070	TB-152A2-210NC	1002-05769-34			1002-07338-34 1002-07476-34
3/8 inch	220	NC	8039053	TB-152A2-220NC	1002-05769-36			1002-07338-36 1002-07476-36

**One Terminal
1/2 inch NPT Housing**

1/2 inch	180	NO	8039057	TB-151A2-180NO	1002-05511-28			1002-07690-28 1002-07324-28
1/2 inch	190	NO	8039058	TB-151A2-190NO	1002-05511-30			1002-07690-30 1002-07324-30
1/2 inch	195	NO	8039064	TB-151A2-195NO	1002-05511-31			1002-07690-31 1002-07324-31
1/2 inch	200	NO	8039065	TB-151A2-200NO	1002-05511-32			1002-07690-32 1002-07324-32
1/2 inch	205	NO	8039054	TB-151A2-205NO	1002-05511-33			1002-07690-33 1002-07324-33
1/2 inch	210	NO	8039014	TB-151A2-215NO	1002-05511-34			1002-07690-34 1002-07324-34
1/2 inch	215	NO	8039019	TB-151A2-215NO	1002-05511-35			1002-07690-35 1002-07324-35
1/2 inch	220	NO	8039023	TB-151A2-220NO	1002-05511-36			1002-07690-36 1002-07324-36
1/2 inch	225	NO	8039025	TB-151A2-225NO	1002-05511-37			1002-07690-37 1002-07324-37

Thread Size	Temp °F	Mode (see below)	Standard INDEX P/N	Old Index P/N	Direct Replacement BorgWarner / Kysor P/Ns	Direct Replacement Horton P/Ns	Can also replace these BW/Kysor P/Ns (replace Metripak connector on harness w/ ring terminals)
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Mode: NO = Normally Open, NC = Normally Closed, CO = either NO NC

OVERTEMP WARNING SWITCHES

1/2 inch	230	NO	8039026	TB-151A2-230NO	1002-05511-38			1002-07690-38	1002-07324-38
1/2 inch	250	NO	8039066	TB-151A2-250NO	1002-05511-42			1002-07690-42	1002-07324-42
1/2 inch	300	NO	8039029	TB-151A2-300NO	1002-05511-52			1002-07690-52	1002-07324-52
1/2 inch	190	NC	8039010	TB-151A2-190NC	1002-05768-30			1002-07474-30	1002-07449-30
3/8 inch	195	NC	8039056	TB-151A2-195NC	1002-05768-31			1002-07474-31	1002-07449-31
3/8 inch	200	NC	8039067	TB-151A2-200NC	1002-05768-32			1002-07474-32	1002-07449-32
1/2 inch	205	NC	8039068	TB-151A2-205NC	1002-05768-33			1002-07474-33	1002-07449-33
1/2 inch	210	NC	8039012	TB-151A2-215NC	1002-05768-34			1002-07474-34	1002-07449-34
1/2 inch	215	NC	8039017	TB-151A2-215NC	1002-05768-35			1002-07474-35	1002-07449-35
1/2 inch	220	NC	8039021	TB-151A2-220NC	1002-05768-36			1002-07474-36	1002-07449-36

LOW COOLANT PROBES

Thread Size	Standard INDEX P/N	Old Index P/N	Direct Replacement BorgWarner / Kysor P/Ns	
1/4 NPT	8034101	LCP-570-1	5022-33670-03	5022-01185-01
3/8 NPT	8034100	LCP-570-2	5022-33990-01	5022-01187-01