

Pump Control Panels

Examples that are given in this section are not intended to be used for product selection. Not all combinations produce a valid catalog number. Use ProposalWorks to help you configure your enclosed contactor or starter. ProposalWorks is available from rok.auto/systemtools.

1232T - **B** **N** **H** - **A2C** - **J03** - **3**
 a b c d e f g

a	
Bulletin Number	
Code	Description
1232T	Fusible pump panel
1233T	Circuit breaker pump panel

b	
NEMA Size	
Code	Description
B	NEMA size 1
C	NEMA size 2
D	NEMA size 3
E	NEMA size 4
F	NEMA size 5
G	NEMA size 6
H	NEMA size 7
J	NEMA size 8

c	
Enclosure Type	
Code	Description
N	Type 3R

d	
Line Voltage/Control Voltage	
Code	Description
H	208V AC, 50/60 Hz Common/transformer control
A	240V AC, 50/60 Hz Common/transformer control
B	480V AC, 50/60 Hz Common/transformer control
C	600V AC, 50/60 Hz Common/transformer control
HD	208V AC/120V, 50/60 Hz Separate control
AD	240V AC/120V, 50/60 Hz Separate control
BD	480V AC/120V, 50/60 Hz Separate control
CD	600V AC/120V, 50/60 Hz Separate control (except sizes 4...6)

e	
Overload Relay	
Code	Description
-XXX	Provision for field-installed overload relay
-A1C	0.2...1.0 A, E100 overload, Trip Class 10 (Bul. 1232T only)
-A2C	0.2...1.0 A, E100 overload, Trip Class 20
-A1E	1.0...5.0 A, E100 overload, Trip Class 10
-A2E	1.0...5.0 A, E100 overload, Trip Class 20
-A1F	3.2...16 A, E100 overload, Trip Class 10
-A2F	3.2...16 A, E100 overload, Trip Class 20
-A1G	5.4...27 A, E100 overload, Trip Class 10
-A2G	5.4...27 A, E100 overload, Trip Class 20
-A1J	11...55 A, E100 overload, Trip Class 10
-A2J	11...55 A, E100 overload, Trip Class 20
-A1L	20...100 A, E100 overload, Trip Class 10
-A2L	20...100 A, E100 overload, Trip Class 20
-A1M	40...200 A, E100 overload, Trip Class 10
-A2M	40...200 A, E100 overload, Trip Class 20
-A1N	60...300 A, E100 overload, Trip Class 10
-A2N	60...300 A, E100 overload, Trip Class 20
-A1R	120...600 A, E100 overload, Trip Class 10
-A2R	120...600 A, E100 overload, Trip Class 20

f	
Fuse Clip/Circuit Breaker	
Code	Description
-J03	30 A Class J
-J06	60 A Class J
-J10	100 A Class J
-J20	200 A Class J
-J40	400 A Class J
-J60	600 A Class J
-L80	800 A Class L
-R03	30 A Class R
-R06	60 A Class R
-R10	100 A Class R
-R20	200 A Class R
-R40	400 A Class R
-R60	600 A Class R
-C15	15 A Circuit breaker
-C30	30 A Circuit breaker
-C50	50 A Circuit breaker
-D10	100 A Circuit breaker
-D12	125 A Circuit breaker
-D15	150 A Circuit breaker
-D30	300 A Circuit breaker
-D40	400 A Circuit breaker
-D60	600 A Circuit breaker
-D80	800 A Circuit breaker

g
Options—see page 7

g	
Options	
Code	Description
—	START and HAND-OFF-AUTO (standard on pump panels)
-3	HAND-OFF-AUTO selector switch
-4G	Green LED pilot light
-4GR	Red and green LED pilot lights
-4R	Red LED pilot light
-4RG	Red and green LED pilot lights
-4I2	Metal handle
-6P	Standard control circuit transformer
-6XP	100 W extra-capacity control circuit transformer
-XL	Extra space enclosure
-900	2 N.O. Auxiliary contact on starter
-901	N.O/N.C. Auxiliary contact on starter
-90011	2 N.O/2 N.C. Auxiliary contact on starter
-HUB	Enclosure with hub at the top for top-entry wiring

Specifications

Table 1 - Mechanical Ratings

NEMA Size	Mechanical Life (Millions of Operations)	Maximum Number of Auxiliary Contacts	Operating Time [ms]	
			Pick-up (Average)	Drop-out (Average)
0	13	8	15...30	10...60
1	13	8		
2	12	8		
3	10	8	20...40	40...70
4	1.5	4	20...55	
5	0.8	4	30...60	
6	0.5	4	50...120	33...70

Table 2 - Environmental Ratings

Bulletin	NEMA Size	Operating Position	Storage Range	Operating Range	Altitude	Humidity
300	0	Vertical	-55...+80 °C (-67...+176 °F)	-25...+60 °C (-13...+140 °F)	2000 m	5...95% non-condensing
	1					
	2					
	3		-40...+70 °C (-40...+158 °F)			
	4					
	5					
	6					
305, 309, 302, 303, 306, 307, 312, 313, 1232T, 1233T	0	Vertical	-40...+80 °C (-40...+176 °F)	+40 °C (104 °F)	2000 m	5...95% non-condensing
	1					
	2					
	3					
	4					
	5					
	6					