

## Bulletin 800E Control and Indicating Devices ø 22.5 mm

Pages  
11-5 ... 11-128

- Round and square front elements
- Protection class IP66
- Internationally rated operators



## Bulletin 800Z Zero-Force™ Touch Buttons

Pages  
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- Universal range according IEC and NEMA  
Industrial range according IEC and NEMA
- Protection class IP66
- Worldwide approval, ergonomically  
designed sensor touch buttons




## Bulletin 855T Control Tower™ Stack Lights


Pages  
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- Light and sound modules
- Horizontal or vertical mounting
- Sound modules IP53 / NEMA Type 1
- Light modules IP54 / NEMA Type 12


**Incandescent Lamps**

	Description	Current Consumption	Voltage	ANSI Number	Cat. No.	PQ
	<b>Incandescent Lamp</b> • With lamp module	150 mA	6 AC/DC	755	800E-N65	10
		80 mA	12 AC/DC	756	800E-N141	
		70 mA	24 AC/DC	757	800E-N157	
		50 mA	48 AC/DC	1835	800E-N48	
	• With transformer module • Flashing • Resistor module	150 mA	6 AC	755	800E-N65	
		150 mA	6 AC	267	800E-N212	
		20 mA	130 AC/DC	949	800E-N130	

**Neon Lamps**

	Description	Voltage	Cat. No.	PQ
	<b>Neon Lamp</b> • BA 9s socket	110...127 VAC	800E-N230	10
		220...240 V	800E-N240	10

**LEDs**

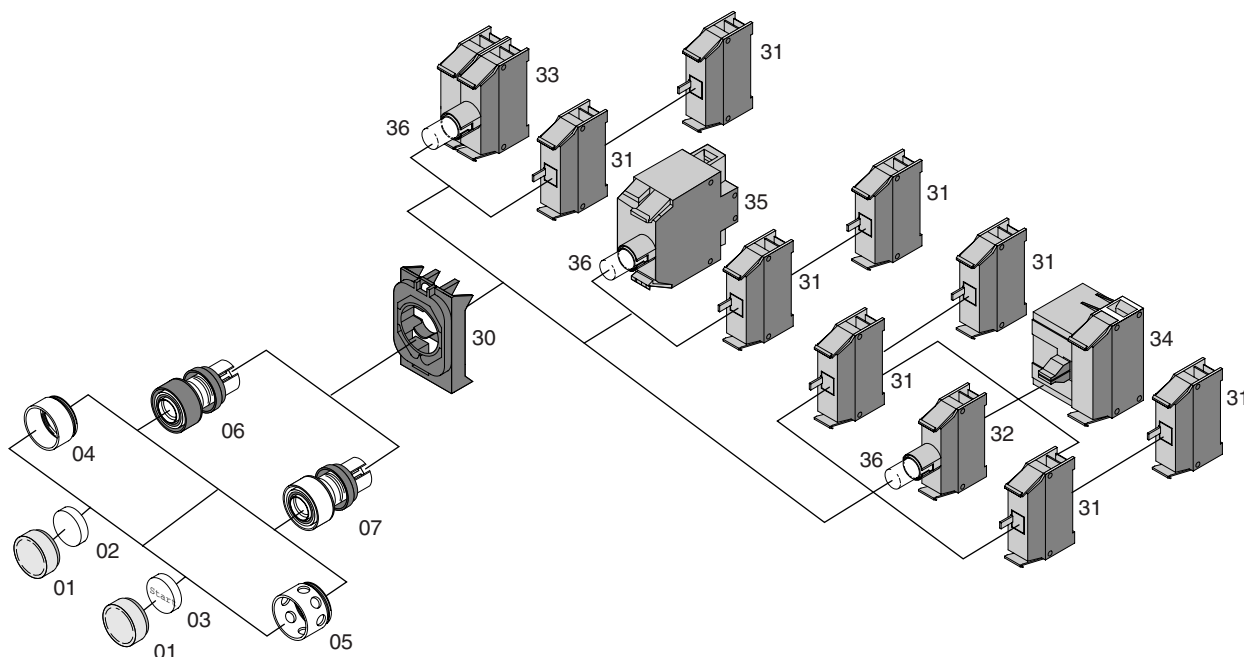
	Description	Current Consumption ❶	Voltage	Leaking Current	Cat. No.	PQ
	<b>LED</b> • With lamp module • BA 9s socket	14 mA/48 mA	6 AC/DC	14 mA	800E-N65x ❷	1
		13 mA/22 mA	12 AC/DC	3.5 mA	800E-N141x ❷	
		13 mA/21 mA	24 AC/DC	3.5 mA	800E-N157x ❷	
		12 mA/17 mA	32 AC/DC	3 mA	800E-N363x ❷	
		9 mA/14 mA	48 AC/DC	3 mA	800E-N48x ❷	
		3.3 mA/6 mA	120 AC	—	800E-N169x ❷	
	• With transformer module • 2 Hz flashing	4.5 mA/6.2 mA	130 AC/DC	2.2 mA	800E-N321x ❷	
		14 mA/48 mA	6 AC	14 mA	800E-N65x ❷	
		18 mA	24 AC/DC	—	800E-N157Fx ❷	

❶ The current consumption depends on the LED colour. The first mA value applies to the green, white and blue LEDs, the second mA value applies to the red and yellow LEDs

❷ To complete the catalogue number exchange **x** by the desired colour: **Amber** (yellow), **Green**, **Red**, **Blue**, or **White**.  
 White LEDs are available in 6V and 24 VAC/DC

PQ = Package Quantity

**Illuminated Push Buttons**



Individual Part	Cat. No.	PQ
<b>01 Lens caps</b> green red yellow blue transparent	800E-ALF3 800E-ALF4 800E-ALF5 800E-ALF6 800E-ALF7	10
<b>02 Diffuser blank</b>	800E-AD2	10
<b>03 Legend diffuser</b> see pages 11-85...11-90		
<b>04 Front ring transparent</b> for flush illuminated operators	800E-ALB1	10
<b>05 Front ring with bore holes</b> for lateral visibility of illuminated raised front ring	800E-ALG1	10
<b>06 Illuminated plastic front element, flush</b>  Illuminated plastic front element maintained, flush	800EP-LF9 800EP-LFA9	★
<b>07 Illuminated plastic front element, flush with shiny metal front ring</b>  Illuminated plastic front element, maintained, flush with shiny metal front ring	800ES-LF9 800ES-LFA9	★
<b>30 Latch</b> for snap on contact blocks and lamp elements	800E-A3L	10
<b>31 Contact block</b> N.O. N.C. N.O.E.M. N.C.L.B. N.O. (Low voltage) N.C. (Low voltage)	800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V	10
<b>32 Lamp element</b> Standard with diode and resistor	800E-3D0 800E-3R22 800E-3R7	10









Individual Part	Cat. No.	PQ
<b>33 Lamp element with central lamp test</b>  with diode and resistor 220 VAC 240 VAC	800E-3DD0 800E-3RDD22 800E-3RDD7	10
<b>34 Transformer elements 50/60 Hz</b> for mounting on lamp elements <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA	800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7	1
<b>35 Transformer elements 50/60 Hz with lamp element</b> <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA	800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10	1
<b>36 Incandescent lamps</b> 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD...130 V2.4 W <b>Neon lamps</b> 110 V...127 V 220 V...240 V <b>LED</b> see page 11-82	800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130 800E-N230 800E-N240	10

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## Control and Indicating Devices

### Product Selection: Individual Components - Round

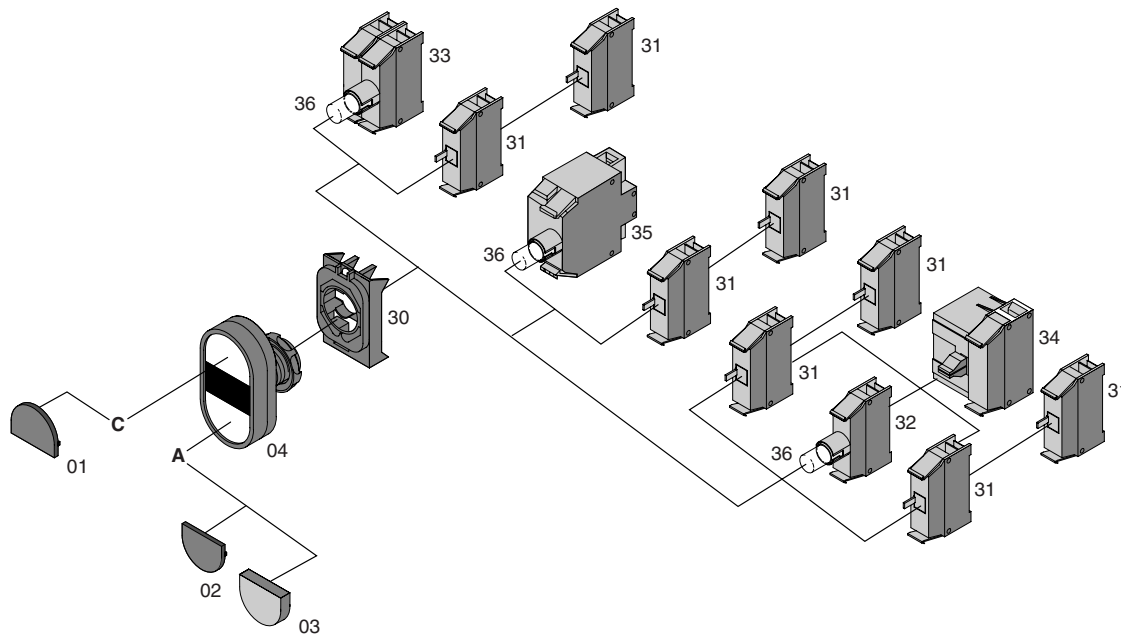
Individual Part	Cat. No.	PQ
<b>Front Elements - 2 Positions</b>		
03 Illuminated plastic operator, maintained 60°	800EP-LSM29	1
04 Illuminated plastic operator, maintained 90°	800EP-LSN29	1
05 Illuminated plastic operator, spring return from left 60°	800EP-LSL29	1
06 Illuminated plastic operator, spring return from right 60°	800EP-LSR29	1
<b>Front Elements - 3 Positions</b>		
13 Illuminated plastic operator, maintained 60°	800EP-LSM39	1
14 Illuminated plastic operator, spring return from left 60°	800EP-LSL39	1
15 Illuminated plastic operator, spring return from right 60°	800EP-LSR39	1
16 Illuminated plastic operator, spring return from left and right 60°	800EP-LSB39	1
<b>Front Elements - 4 Positions</b>		
23 Illuminated plastic operator, maintained	800EP-LSM49	1
24 Illuminated plastic operator, spring return from left	800EP-LSL49	1
25 Illuminated plastic operator, spring return from right	800EP-LSR49	1
26 Illuminated plastic operator, spring return from left and right	800EP-LSB49	1

Individual Part	Cat. No.	PQ
30 Latch for snap-on contact blocks and lamp elements	800E-A3L	10
31 <b>Contact block</b> N.O.  N.C.  N.O.E.M.  N.C.L.B.  N.O. (Low voltage)  N.C. (Low voltage) 	800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V	10
32 <b>Lamp element</b> Standard with diode and resistor  220 VAC 240 VAC	800E-3D0 800E-3R22 800E-3R7	10
33 <b>Lamp element with central lamp test</b> with diode and resistor  220 VAC 240 VAC	800E-3DD0 800E-3RDD22 800E-3RDD7	10
34 <b>Transformer elements 50/60 Hz</b> for mounting on lamp elements <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA	800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7	1
35 <b>Transformer elements 50/60 Hz with lamp element</b> <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA	800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10	1
36 <b>Incandescent lamps</b> 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD...130 V2.4 W	800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130	10
<b>Neon lamps</b> 110 V...127 V 220 V...240 V	800E-N230 800E-N240	10
<b>LED</b> see page 11-82		

PQ = Package Quantity

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**Illuminated Multi-Function Operators**

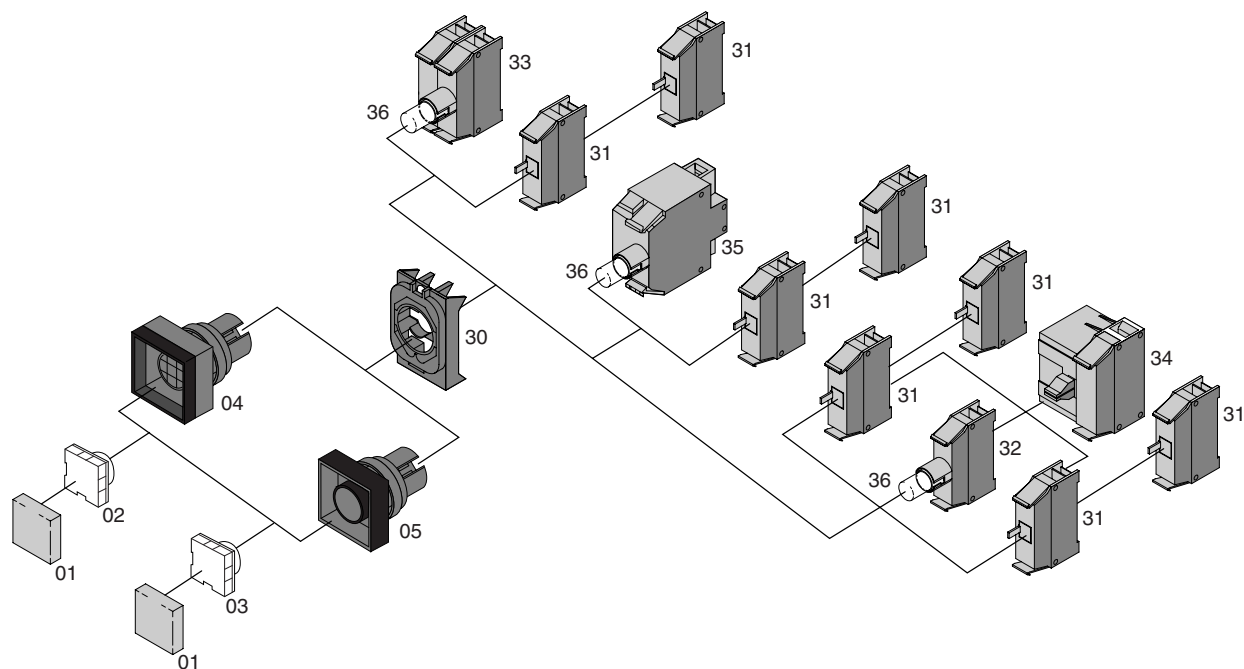


Individual Part	Cat. No.	PQ
<b>01 Colour caps position C</b> white green	800E-AFU1 800E-AFU3	10
<b>02 Colour caps position A</b> white black green red	800E-AFU1 800E-AFU2 800E-AFU3 800E-AFU4	10
<b>03 Colour caps position A</b> black raised red raised additional legend colour caps see pages 11-97 and 11-99	800E-AEU2 800E-AEU4	10
<b>04 Front element with light cap without colour caps</b> black plastic	800EP-LU2X	☆
<b>30 Latch</b> for snap-on contact blocks and lamp elements	800E-A3L	10
<b>31 Contact block</b> N.O. N.C. N.O.E.M. N.C.L.B. N.O. (Low voltage) N.C. (Low voltage)	800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V	10
<b>32 Lamp element</b> Standard with diode and resistor 220 VAC 240 VAC	800E-3D0 800E-3R22 800E-3R7	10
<b>33 Lamp element with central lamp test</b> with diode and resistor 220 VAC 240 VAC	800E-3DD0 800E-3RDD22 800E-3RDD7	10

Individual Part	Cat. No.	PQ
<b>34 Transformer elements 50/60 Hz</b> for mounting on lamp elements <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA	800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7	1
<b>35 Transformer elements 50/60 Hz with lamp element</b> <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA	800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10	1
<b>36 Incandescent lamps</b> 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD... 130 V 2.4 W	800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130	10
<b>Neon lamps</b> 110 V...127 V 220 V...240 V <b>LED</b> see page 11-82	800E-N230 800E-N240	10

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**Illuminated Push Buttons**



Individual Part	Cat. No.	PQ
<b>01 Lens caps</b> green red yellow blue transparent	800EQ-ALF3 800EQ-ALF4 800EQ-ALF5 800EQ-ALF6 800EQ-ALF7	10
<b>02 Diffuser blank</b>	800EQ-AD2	10
<b>03 Legend diffuser</b> see pages 11-91...11-96		
<b>04 Illuminated plastic front element, flush</b>	800EQ-LF9	★
<b>Illuminated plastic front element maintained, flush</b>	800EQ-LFA9	★
<b>05 Illuminated front element raised</b>	800EQ-LE9	1
<b>30 Latch</b> for snap-on contact blocks and lamp elements	800E-A3L	10
<b>31 Contact block</b> N.O. N.C. N.O.E.M. N.C.L.B. N.O. (Low voltage) N.C. (Low voltage)	800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V	10
<b>32 Lamp element</b> Standard with diode and resistor 220 VAC 240 VAC	800E-3D0 800E-3R22 800E-3R7	10

Individual Part	Cat. No.	PQ
<b>33 Lamp element central lamp test</b> with diode and resistor 220 VAC 240 VAC	800E-3DD0 800E-3RDD22 800E-3RDD7	10
<b>34 Transformer elements 50/60 Hz</b> for mounting on lamp elements <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA	800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7	1
<b>35 Transformer elements 50/60 Hz with lamp element</b> <b>primary secondary</b> 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA	800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10	1
<b>36 Incandescent lamps</b> 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD... 130 V 2.4 W	800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130	10
<b>Neon lamps</b> 110 V...127 V 220 V...240 V	800E-N230 800E-N240	10
<b>LED</b> see page 11-82.		

PQ = Package Quantity

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