

How to order EC-2000/2400 Series Switches



(12 to 30 VDC Input, 0 to 200ma DC sinking type outputs)

EXAMPLE: EC-2008-12-DDN-CFX-D-1-1/60-4-2/3

The example part number is for a Series EC-2000 control with a standard NEMA 12 enclosure, 8 outputs, double shaft extension, with CFX shock and vibration option, and 5 pulse discs (1 disc with 60-3° slots and 4 discs with 3-60° slots) mounted on the control shaft.

EC-2008 - 12 - D - D - N - CFX - D - 1 - 1/60 - 4 - 2/3****

<p>Series & Enclosure EC-20 = EC-2000 Series: Standard NEMA 12 enclosure with gasketed JIC oil-tight cover. EC-24 = EC-2400 Series: NEMA 4X enclosure and shaft are stainless steel. Not available in 12 output configuration.</p>	<p>Number of Outputs 04 = 4 outputs 08 = 8 outputs 12 = 12 outputs</p>	<p>Input Voltage 12 = 12-30VDC</p>	<p>Type of Input D = DC Input</p>	<p>Output Type N = Sinking type output</p>	<p>Shaft Type D = Double extension (standard on EC-2400 series) L = Left hand extension R = Right hand extension</p>	<p>High Shock or Vibration Options NOTE: CFX is required when high shock or vibration is possible. CFX = Extra conformal coating on bottom PC board & DIP switches are replaced by push-in jumpers to change light energizing (0-180°) / dark energize (181°-360°) mode. CF = Extra conformal coating on both sides of PC boards. (Dip switches used)</p>	<p>D-Disc Required Pulse generating discs must be ordered when ordering control units. They cannot be added in the field. The pulse disc is mounted to the control cam shaft and replaces one set of adjustable cams. The first disc listed will be mounted in the furthest right position, etc.</p>	<p>Discs</p> <table border="0"> <tr><td>1/1 =</td><td>1-3°</td><td>slot</td></tr> <tr><td>1/10 =</td><td>10-3°</td><td>slots</td></tr> <tr><td>1/60 =</td><td>60-3°</td><td>slots</td></tr> <tr><td>2/1 =</td><td>1-180°</td><td>slot</td></tr> <tr><td>2/2 =</td><td>2-90°</td><td>slots</td></tr> <tr><td>2/3 =</td><td>3-60°</td><td>slots</td></tr> <tr><td>2/4 =</td><td>4-45°</td><td>slots</td></tr> <tr><td>2/6 =</td><td>6-30°</td><td>slots</td></tr> <tr><td>2/8 =</td><td>8-22.5°</td><td>slots</td></tr> <tr><td>2/16 =</td><td>16-11.2°</td><td>slots</td></tr> <tr><td>2/32 =</td><td>32-5.6°</td><td>slots</td></tr> <tr><td>2/64 =</td><td>64-2.8°</td><td>slots</td></tr> <tr><td>5/2 =</td><td>2-5°</td><td>slots</td></tr> </table>	1/1 =	1-3°	slot	1/10 =	10-3°	slots	1/60 =	60-3°	slots	2/1 =	1-180°	slot	2/2 =	2-90°	slots	2/3 =	3-60°	slots	2/4 =	4-45°	slots	2/6 =	6-30°	slots	2/8 =	8-22.5°	slots	2/16 =	16-11.2°	slots	2/32 =	32-5.6°	slots	2/64 =	64-2.8°	slots	5/2 =	2-5°	slots
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**These extensions used only if CFX/CF and/or pulse disc (-s) are required.

How to order EC-3000/3400 Series Switches



(Specify plug-in output modules separately)

EXAMPLE: EC-3012-10-ADO-CFX-D-1-1/60-4-2/3 with (5) EC-ODC5* & (7) EC-OAC5A-11*

*Each output to be used requires an output module that is ordered and priced separately. Select the appropriate output modules listed on the following page, depending on AC or DC voltage current. Modules will be mounted at factory in random sequence unless otherwise specified.

EC-3012 - 10 - A - D - O - CFX - D - 1 - 1/60 - 4 - 2/3****

<p>Series & Enclosure EC-30 = EC-3000 Series: Standard NEMA 12 enclosure with gasketed JIC oil-tight cover. EC-34 = EC-3400 Series: NEMA 4X enclosure and shaft are stainless steel. Not available in 12 output configuration.</p>	<p>Number of Outputs 04 = 4 outputs 08 = 8 outputs 12 = 12 outputs One output module required per output.</p>	<p>Input Voltage 10 = 120VAC 20 = 240VAC 12 = 12VDC 24 = 24VDC</p>	<p>Type of Input A = AC Input D = DC Input</p>	<p>Output Type O = One AC or DC output module per switch.</p>	<p>Shaft Type D = Double extension (standard on EC-3400 series) L = Left hand extension R = Right hand extension</p>	<p>High Shock or Vibration Options NOTE: CFX is required when high shock or vibration is possible. CFX = Extra conformal coating on bottom PC board & DIP switches are replaced by push-in jumpers to change light energizing (0-180°) / dark energize (181°-360°) mode. CF = Extra conformal coating on both sides of PC boards. (Dip switches used)</p>	<p>D-Disc Required Pulse generating discs must be ordered when ordering control units. They cannot be added in the field. The pulse disc is mounted to the control cam shaft and replaces one set of adjustable cams. The first disc listed will be mounted in the furthest right position, etc.</p>	<p>Discs</p> <table border="0"> <tr><td>1/1 =</td><td>1-3°</td><td>slot</td></tr> <tr><td>1/10 =</td><td>10-3°</td><td>slots</td></tr> <tr><td>1/60 =</td><td>60-3°</td><td>slots</td></tr> <tr><td>2/1 =</td><td>1-180°</td><td>slot</td></tr> <tr><td>2/2 =</td><td>2-90°</td><td>slots</td></tr> <tr><td>2/3 =</td><td>3-60°</td><td>slots</td></tr> <tr><td>2/4 =</td><td>4-45°</td><td>slots</td></tr> <tr><td>2/6 =</td><td>6-30°</td><td>slots</td></tr> <tr><td>2/8 =</td><td>8-22.5°</td><td>slots</td></tr> <tr><td>2/16 =</td><td>16-11.2°</td><td>slots</td></tr> <tr><td>2/32 =</td><td>32-5.6°</td><td>slots</td></tr> <tr><td>2/64 =</td><td>64-2.8°</td><td>slots</td></tr> <tr><td>5/2 =</td><td>2-5°</td><td>slots</td></tr> </table>	1/1 =	1-3°	slot	1/10 =	10-3°	slots	1/60 =	60-3°	slots	2/1 =	1-180°	slot	2/2 =	2-90°	slots	2/3 =	3-60°	slots	2/4 =	4-45°	slots	2/6 =	6-30°	slots	2/8 =	8-22.5°	slots	2/16 =	16-11.2°	slots	2/32 =	32-5.6°	slots	2/64 =	64-2.8°	slots	5/2 =	2-5°	slots
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