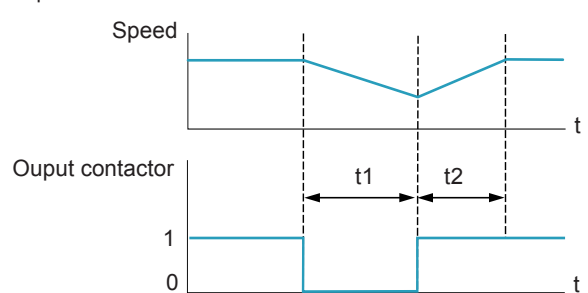


| Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Name / Description                                          | Factory setting |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------|
| <b>F 6 0 5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>[Output phase loss]</b> Output phase loss detection Mode | 3               |
| <div style="background-color: black; color: white; text-align: center; padding: 5px;">  <b>DANGER</b> </div> <p><b>HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH</b></p> <ul style="list-style-type: none"> <li>• If <b>F 6 0 5</b> = <b>0</b>, loss of cable is not detected</li> <li>• If <b>F 6 0 5</b> = <b>1</b> or <b>2</b>, loss of cable is only detected at the startup of the motor</li> <li>• Check this action will not endanger personnel or equipment in any way</li> </ul> <p><b>Failure to follow these instructions will result in death or serious injury.</b></p> <p>If output phase loss detection is enabled and an output phase loss persists for more than 1 second, the drive will trip and display the <b>E P H 0</b> code.</p> <p><b>0 [Disabled]</b><br/>If parameter <b>F 6 0 5</b> is set to 0, output phase loss detection is disabled.</p> <p><b>1 [First start]:</b> At the first start-up.<br/>If parameter <b>F 6 0 5</b> is set to 1, an output phase loss check is made only during the first motor start-up after power is applied to the drive.</p> <p><b>2 [Each start]:</b> At every start-up.<br/>If parameter <b>F 6 0 5</b> is set to 2, an output phase loss check is made every time the motor is started.</p> <p><b>3 [During run]:</b> During operation.<br/>If parameter <b>F 6 0 5</b> is set to 3, continuous output phase loss monitoring is performed while the motor is running.</p> <p><b>4 [Permanent]:</b> At start-up and during operation.<br/>If parameter <b>F 6 0 5</b> is set to 4, monitoring for an output phase loss is performed at motor start-up and continuously during operation.</p> <p><b>5 [Output contactor]:</b> Load side disconnect mode.<br/>Setting 5 for parameter <b>F 6 0 5</b> is for applications with a load side disconnect. The drive will automatically restart the motor if the following are true:</p> <ul style="list-style-type: none"> <li>- An all-phase loss has been detected (an output contactor or a load side disconnect has opened)</li> <li>- The drive detects that a 3-phase connection has been reestablished (the output contactor or load side disconnect has closed). It is necessary to wait 1 s between disconnection and connection. See following scheme to have an example of loss of output contactor.</li> </ul> <div style="text-align: center;">  <p>t1: deceleration without ramp (freewheel)<br/>t2: acceleration with ramp</p> </div> <p>- A valid run command exists.</p> <p>An output phase loss detection sweep is made as part of the auto-tuning process, regardless of the setting of parameter <b>F 6 0 5</b>. High-speed motors and other special motors may cause nuisance output phase losses.</p> |                                                             |                 |