点动程序，减少轴

|  |  |  |  |
| --- | --- | --- | --- |
| CX9020 | 轴数和温度控制数量 | TC2资源占用率 | TC3资源占用率 |
| 2msPLCTASK+2msNCTASK | 10轴+1温控 | 70% | 72% |
| 8轴+1温控 | 61% | 65% |
| 6轴+1温控 | 47% | 55% |
| 4轴+1温控 | 40% | 47% |
| 2轴+1温控 | 31% | 38% |

点动程序，增加温控

|  |  |  |  |
| --- | --- | --- | --- |
| CX5020 | 轴数和温度控制数量 | TC2资源占用率 | TC3资源占用率 |
| 2msPLCTASK+2msNCTASK | 10轴+0温控 | 16-18% | 19-21% |
| 10轴+1温控 | 17-18% | 20-22% |
| 10轴+5温控 | 18-20% | 20-22% |
| 10轴+10温控 | 19-21% | 20-23% |

凸轮程序，减少轴

|  |  |  |  |
| --- | --- | --- | --- |
| CX2020 | 轴数和温度控制数量 | TC2资源占用率 | TC3资源占用率 |
| 250usPLCTASK+250usNCTASK | 10轴+1温控 | 32% | 33% |
| 8轴+1温控 | 29% | 30% |
| 6轴+1温控 | 26% | 27% |
| 4轴+1温控 | 23% | 25% |
| 2轴+1温控 | 20% | 22% |

凸轮程序，减少轴

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CX2040 | 轴数和温度控制数量 | TC2资源占用率 | TC3资源占用率 | TC3多核资源占用率 |
| 250usPLCTASK+250usNCTASK | 10轴+1温控 | 23% | 23% | 16%+0%+5%+0% |
| 8轴+1温控 | 21% | 21% | 14%+0%+5%+0% |
| 6轴+1温控 | 19% | 19% | 12%+0%+5%+0% |
| 4轴+1温控 | 17% | 17% | 10%+0%+5%+0% |
| 2轴+1温控 | 15% | 15% | 8%+0%+5%+0% |

凸轮程序，减少轴

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CX5130 | 轴数和温度控制数量 | TC2资源占用率 | TC3资源占用率 | TC3多核资源占用率 |
| 250usPLCTASK+250usNCTASK | 10轴+1温控 | 75% | 75% | 50%+13% |
| 8轴+1温控 | 65% | 66-67% | 44%+13% |
| 6轴+1温控 | 56% | 57-58% | 38%+13% |
| 4轴+1温控 | 46% | 48% | 31%+12% |
| 2轴+1温控 | 37% | 39% | 25%+12% |