## SIEMENS

## Data sheet

## 3RT2017-2AP04



power contactor, AC-3 12 A, 5.5 kW / 400 V 2 NO + 2 NC, 230 V AC 50 / 60 Hz, 3-pole Size S00, Spring-type terminal Removable auxiliary switch

| product brand name  | SIRIUS                     |  |  |
|---|----------------------------|--|--|
| product designation   | Power contactor            |  |  |
| product type designation  | 3RT2                       |  |  |
| General technical data  |                            |  |  |
| size of contactor   | S00                        |  |  |
| product extension   |                            |  |  |
| <ul> <li>function module for communication</li> </ul>   | No                         |  |  |
| auxiliary switch  | No                         |  |  |
| power loss [W] for rated value of the current   |                            |  |  |
| <ul> <li>at AC in hot operating state</li> </ul>  | 1.5 W                      |  |  |
| <ul> <li>at AC in hot operating state per pole</li> </ul>   | 0.5 W                      |  |  |
| <ul> <li>without load current share typical</li> </ul>  | 5.7 W                      |  |  |
| insulation voltage  |                            |  |  |
| <ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>                                  | 690 V                      |  |  |
| <ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>                             | 690 V                      |  |  |
| surge voltage resistance  |                            |  |  |
| <ul> <li>of main circuit rated value</li> </ul>   | 6 kV                       |  |  |
| <ul> <li>of auxiliary circuit rated value</li> </ul>  | 6 kV                       |  |  |
| maximum permissible voltage for safe isolation between<br>coil and main contacts according to EN 60947-1    | 400 V                      |  |  |
| shock resistance at rectangular impulse   |                            |  |  |
| • at AC   | 7,3g / 5 ms, 4,7g / 10 ms  |  |  |
| shock resistance with sine pulse  |                            |  |  |
| • at AC   | 11,4g / 5 ms, 7,3g / 10 ms |  |  |
| mechanical service life (switching cycles)  |                            |  |  |
| <ul> <li>of contactor typical</li> </ul>  | 10 000 000                 |  |  |
| <ul> <li>of the contactor with added electronically optimized<br/>auxiliary switch block typical</li> </ul> | 5 000 000                  |  |  |
| <ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>                              | 10 000 000                 |  |  |
| reference code according to IEC 81346-2   | Q                          |  |  |
| Substance Prohibitance (Date)   | 10/01/2009                 |  |  |
| Ambient conditions  |                            |  |  |
| installation altitude at height above sea level maximum   | 2 000 m                    |  |  |
| ambient temperature   |                            |  |  |
| <ul> <li>during operation</li> </ul>  | -25 +60 °C                 |  |  |
| during storage  | -55 +80 °C                 |  |  |
| relative humidity minimum   | 10 %                       |  |  |
| relative humidity at 55 °C according to IEC 60068-2-30 maximum  | 95 %                       |  |  |

| Main circuit   |                   |
|--|-------------------|
| number of poles for main current circuit   | 3                 |
| number of NO contacts for main contacts  | 3                 |
| operating voltage  |                   |
| <ul> <li>at AC-3 rated value maximum</li> </ul>  | 690 V             |
| <ul> <li>at AC-3e rated value maximum</li> </ul>   | 690 V             |
| operational current  |                   |
| <ul> <li>at AC-1 at 400 V at ambient temperature 40 °C<br/>rated value</li> </ul>  | 22 A              |
| • at AC-1  |                   |
| — up to 690 V at ambient temperature 40 °C rated value   | 22 A              |
| — up to 690 V at ambient temperature 60 °C rated value   | 20 A              |
| • at AC-3  |                   |
| — at 400 V rated value   | 12 A              |
| — at 500 V rated value   | 9.2 A             |
| — at 690 V rated value   | 6.7 A             |
| • at AC-3e   |                   |
| — at 400 V rated value   | 12 A              |
| — at 500 V rated value   | 9.2 A             |
| — at 690 V rated value   | 6.7 A             |
| • at AC-4 at 400 V rated value   | 8.5 A             |
| <ul> <li>at AC-5a up to 690 V rated value</li> </ul>   | 19.4 A            |
| • at AC-5b up to 400 V rated value   | 9.9 A             |
| • at AC-6a   |                   |
| <ul> <li>up to 230 V for current peak value n=20 rated<br/>value</li> </ul>  | 7.2 A             |
| <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>  | 7.2 A             |
| — up to 500 V for current peak value n=20 rated value  | 7.2 A             |
| <ul> <li>up to 690 V for current peak value n=20 rated<br/>value</li> </ul>  | 6.7 A             |
| <ul> <li>at AC-6a         <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> </li> </ul>            | 4.8 A             |
| <ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>  | 4.8 A             |
| <ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>  | 4.8 A             |
| — up to 690 V for current peak value n=30 rated value  | 4.8 A             |
| minimum cross-section in main circuit at maximum AC-1<br>rated value<br>operational current for approx. 200000 operating | 4 mm <sup>2</sup> |
| cycles at AC-4   |                   |
| • at 400 V rated value   | 4.1 A             |
| • at 690 V rated value   | 3.3 A             |
| operational current  |                   |
| at 1 current path at DC-1  |                   |
| — at 24 V rated value  | 20 A              |
| — at 110 V rated value   | 2.1 A             |
| — at 220 V rated value   | 0.8 A             |
| — at 440 V rated value   | 0.6 A             |
| — at 600 V rated value   | 0.6 A             |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>   |                   |
| - at 24 V rated value  | 20 A              |
| — at 110 V rated value   | 12 A              |
|  | 1.6 A             |
| — at 220 V rated value   |                   |
| — at 440 V rated value   | 0.8 A             |
| — at 600 V rated value   | 0.7 A             |
| <ul> <li>with 3 current paths in series at DC-1</li> </ul>   |                   |

|   | 20.4  |  |  |  |  |
|---|---|--|--|--|--|
| — at 24 V rated value   | 20 A  |  |  |  |  |
| — at 110 V rated value  | 20 A  |  |  |  |  |
| — at 220 V rated value  | 20 A  |  |  |  |  |
| — at 440 V rated value  | 1.3 A   |  |  |  |  |
| — at 600 V rated value  | 1 A   |  |  |  |  |
| <ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>                   |   |  |  |  |  |
| — at 24 V rated value   | 20 A  |  |  |  |  |
| — at 110 V rated value  | 0.1 A   |  |  |  |  |
| <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>      |   |  |  |  |  |
| — at 24 V rated value   | 20 A  |  |  |  |  |
| — at 110 V rated value  | 0.35 A  |  |  |  |  |
| <ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>      |   |  |  |  |  |
| — at 24 V rated value   | 20 A  |  |  |  |  |
| — at 110 V rated value  | 20 A  |  |  |  |  |
| — at 220 V rated value  | 1.5 A   |  |  |  |  |
| — at 440 V rated value  | 0.2 A   |  |  |  |  |
| — at 600 V rated value  | 0.2 A   |  |  |  |  |
| operating power   |   |  |  |  |  |
| at AC-2 at 400 V rated value  | 5.5 kW  |  |  |  |  |
| • at AC-3   |   |  |  |  |  |
| — at 230 V rated value  | 3 kW  |  |  |  |  |
| — at 400 V rated value  | 5.5 kW  |  |  |  |  |
| — at 500 V rated value  | 5.5 kW  |  |  |  |  |
| — at 690 V rated value  | 5.5 kW  |  |  |  |  |
| • at AC-3e  |   |  |  |  |  |
| — at 230 V rated value  | 3 kW  |  |  |  |  |
| — at 400 V rated value  | 5.5 kW  |  |  |  |  |
| — at 500 V rated value  | 5.5 kW  |  |  |  |  |
| — at 690 V rated value  | 5.5 kW  |  |  |  |  |
| operating power for approx. 200000 operating cycles                     | 0.0 kW  |  |  |  |  |
| at AC-4   |   |  |  |  |  |
| <ul> <li>at 400 V rated value</li> </ul>                                | 2 kW  |  |  |  |  |
| <ul> <li>at 690 V rated value</li> </ul>                                | 2.5 kW  |  |  |  |  |
| operating apparent power at AC-6a                                       |   |  |  |  |  |
| <ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul> | 2.8 kVA   |  |  |  |  |
| <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul> | 4.9 kVA   |  |  |  |  |
| <ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul> | 6.2 kVA   |  |  |  |  |
| <ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul> | 8 kVA   |  |  |  |  |
| operating apparent power at AC-6a                                       |   |  |  |  |  |
| <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> | 1.9 kVA   |  |  |  |  |
| • up to 400 V for current peak value n=30 rated value                   | 3.3 kVA   |  |  |  |  |
| • up to 500 V for current peak value n=30 rated value                   | 4.1 kVA   |  |  |  |  |
| • up to 690 V for current peak value n=30 rated value                   | 5.7 kVA   |  |  |  |  |
| short-time withstand current in cold operating state                    |   |  |  |  |  |
| up to 40 °C   |   |  |  |  |  |
| <ul> <li>limited to 1 s switching at zero current maximum</li> </ul>    | 200 A; Use minimum cross-section acc. to AC-1 rated value |  |  |  |  |
| <ul> <li>limited to 5 s switching at zero current maximum</li> </ul>    | 123 A; Use minimum cross-section acc. to AC-1 rated value |  |  |  |  |
| <ul> <li>limited to 10 s switching at zero current maximum</li> </ul>   | 96 A; Use minimum cross-section acc. to AC-1 rated value  |  |  |  |  |
| <ul> <li>limited to 30 s switching at zero current maximum</li> </ul>   | 74 A; Use minimum cross-section acc. to AC-1 rated value  |  |  |  |  |
| <ul> <li>limited to 60 s switching at zero current maximum</li> </ul>   | 61 A; Use minimum cross-section acc. to AC-1 rated value  |  |  |  |  |
| no-load switching frequency   |   |  |  |  |  |
| • at AC   | 10 000 1/h  |  |  |  |  |
| operating frequency   |   |  |  |  |  |
| • at AC-1 maximum   | 1 000 1/h   |  |  |  |  |
| • at AC-2 maximum   | 750 1/h   |  |  |  |  |
| • at AC-3 maximum   | 750 1/h   |  |  |  |  |
| • at AC-3e maximum  | 750 1/h   |  |  |  |  |
| • at AC-4 maximum   | 250 1/h   |  |  |  |  |
| Control circuit/ Control  |   |  |  |  |  |
| type of voltage of the control supply voltage                           | AC  |  |  |  |  |
|   |   |  |  |  |  |

| control supply voltage at AC   | 220.1/  |  |  |  |  |
|--|---|--|--|--|--|
| at 50 Hz rated value   | 230 V   |  |  |  |  |
| at 60 Hz rated value   | 230 V   |  |  |  |  |
| operating range factor control supply voltage rated value of magnet coil at AC |   |  |  |  |  |
| • at 50 Hz   | 0.8 1.1   |  |  |  |  |
| • at 60 Hz   | 0.85 1.1  |  |  |  |  |
| apparent pick-up power of magnet coil at AC                                    |   |  |  |  |  |
| • at 50 Hz   | 37 VA   |  |  |  |  |
| • at 60 Hz   | 33 VA   |  |  |  |  |
| inductive power factor with closing power of the coil                          | 0.0   |  |  |  |  |
| • at 50 Hz   | 0.8   |  |  |  |  |
| at 60 Hz     apparent holding power of magnet coil at AC                       | 0.75  |  |  |  |  |
| apparent notiting power of magnet con at AC     o at 50 Hz                     | 5.7 VA  |  |  |  |  |
| • at 50 Hz   | 5.7 VA<br>4.4 VA                                |  |  |  |  |
| inductive power factor with the holding power of the                           | 4.4 VA  |  |  |  |  |
| coil   |   |  |  |  |  |
| • at 50 Hz   | 0.25  |  |  |  |  |
| • at 60 Hz   | 0.25  |  |  |  |  |
| closing delay  |   |  |  |  |  |
| • at AC  | 9 35 ms   |  |  |  |  |
| opening delay  |   |  |  |  |  |
| • at AC  | 7 13 ms   |  |  |  |  |
| arcing time  | 10 15 ms  |  |  |  |  |
| control version of the switch operating mechanism                              | Standard A1 - A2                                |  |  |  |  |
| Auxiliary circuit  |   |  |  |  |  |
| number of NC contacts for auxiliary contacts                                   | 2   |  |  |  |  |
| instantaneous contact  |   |  |  |  |  |
| number of NO contacts for auxiliary contacts<br>instantaneous contact          | 2   |  |  |  |  |
| operational current at AC-12 maximum   | 10 A  |  |  |  |  |
| operational current at AC-15   |   |  |  |  |  |
| at 230 V rated value   | 6 A   |  |  |  |  |
| at 400 V rated value   | 3 A   |  |  |  |  |
| at 500 V rated value   | 2 A   |  |  |  |  |
| at 690 V rated value   | 1 A   |  |  |  |  |
| operational current at DC-12   | 40.4  |  |  |  |  |
| at 24 V rated value  | 10 A  |  |  |  |  |
| at 48 V rated value  | 6 A   |  |  |  |  |
| at 60 V rated value  | 6 A   |  |  |  |  |
| at 110 V rated value   | 3 A   |  |  |  |  |
| at 125 V rated value   | 2 A   |  |  |  |  |
| at 220 V rated value   | 1 A   |  |  |  |  |
| at 600 V rated value   | 0.15 A  |  |  |  |  |
| operational current at DC-13   | 6.0   |  |  |  |  |
| at 24 V rated value  | 6 A   |  |  |  |  |
| at 48 V rated value  | 2 A   |  |  |  |  |
| at 60 V rated value  | 2 A   |  |  |  |  |
| • at 110 V rated value   | 1A  |  |  |  |  |
| • at 125 V rated value   | 0.9 A   |  |  |  |  |
| • at 220 V rated value   | 0.3 A   |  |  |  |  |
| at 600 V rated value   | 0.1 A   |  |  |  |  |
| contact reliability of auxiliary contacts                                      | 1 faulty switching per 100 million (17 V, 1 mA) |  |  |  |  |
| UL/CSA ratings   |   |  |  |  |  |
| full-load current (FLA) for 3-phase AC motor                                   |   |  |  |  |  |
| • at 480 V rated value   | 11 A  |  |  |  |  |
| • at 600 V rated value   | 11 A  |  |  |  |  |
| yielded mechanical performance [hp]  |   |  |  |  |  |
| <ul> <li>for single-phase AC motor</li> </ul>                                  |   |  |  |  |  |
| — at 110/120 V rated value   | 0.5 hp  |  |  |  |  |

| at 220 V/ rated value   | 2 ha   |  |  |  |  |
|---|--|--|--|--|--|
| — at 230 V rated value  | 2 hp   |  |  |  |  |
| for 3-phase AC motor  |  |  |  |  |  |
| — at 200/208 V rated value  | 3 hp   |  |  |  |  |
| — at 220/230 V rated value  | 3 hp   |  |  |  |  |
| — at 460/480 V rated value  | 7.5 hp   |  |  |  |  |
| — at 575/600 V rated value  | 10 hp  |  |  |  |  |
| contact rating of auxiliary contacts according to UL  | A600 / Q600  |  |  |  |  |
| Short-circuit protection  |  |  |  |  |  |
| design of the fuse link   |  |  |  |  |  |
| <ul> <li>for short-circuit protection of the main circuit</li> </ul>  |  |  |  |  |  |
| <ul> <li>— with type of coordination 1 required</li> </ul>  | gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)  |  |  |  |  |
| <ul> <li>— with type of assignment 2 required</li> </ul>  | gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,  |  |  |  |  |
|   | 80kA)  |  |  |  |  |
| <ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>  | gG: 10 A (500 V, 1 kA)   |  |  |  |  |
| required  |  |  |  |  |  |
| Installation/ mounting/ dimensions  |  |  |  |  |  |
| mounting position   | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |  |  |  |  |
| fastening method  | screw and snap-on mounting onto 35 mm standard mounting rail   |  |  |  |  |
|   | according to DIN EN 60715  |  |  |  |  |
| <ul> <li>side-by-side mounting</li> </ul>   | Yes  |  |  |  |  |
| height  | 70 mm  |  |  |  |  |
| width   | 45 mm  |  |  |  |  |
| depth   | 121 mm   |  |  |  |  |
| required spacing  |  |  |  |  |  |
| with side-by-side mounting  |  |  |  |  |  |
| — forwards  | 10 mm  |  |  |  |  |
| — upwards   | 10 mm  |  |  |  |  |
| — downwards   | 10 mm  |  |  |  |  |
| — at the side   | 0 mm   |  |  |  |  |
| <ul> <li>for grounded parts</li> </ul>  |  |  |  |  |  |
| — forwards  | 10 mm  |  |  |  |  |
| — upwards   | 10 mm  |  |  |  |  |
| — at the side   | 6 mm   |  |  |  |  |
| — downwards   | 10 mm  |  |  |  |  |
| for live parts  |  |  |  |  |  |
| — forwards  | 10 mm  |  |  |  |  |
| — upwards   | 10 mm  |  |  |  |  |
| — downwards   | 10 mm  |  |  |  |  |
| — at the side   | 6 mm   |  |  |  |  |
|   |  |  |  |  |  |
| Connections/ Terminals  |  |  |  |  |  |
| type of electrical connection   | anting loaded torminals  |  |  |  |  |
| for main current circuit  | spring-loaded terminals  |  |  |  |  |
| for auxiliary and control circuit   | spring-loaded terminals  |  |  |  |  |
| at contactor for auxiliary contacts   | Spring-type terminals  |  |  |  |  |
| • of magnet coil  | Spring-type terminals  |  |  |  |  |
| type of connectable conductor cross-sections  |  |  |  |  |  |
| for main contacts   | 0 (0.5 4 3)  |  |  |  |  |
| — solid   | 2x (0.5 4 mm <sup>2</sup> )  |  |  |  |  |
| — solid or stranded   | 2x (0,5 4 mm <sup>2</sup> )  |  |  |  |  |
| <ul> <li>finely stranded with core end processing</li> </ul>  | 2x (0.5 2.5 mm <sup>2</sup> )  |  |  |  |  |
| — finely stranded without core end processing   | 2x (0.5 2.5 mm <sup>2</sup> )  |  |  |  |  |
| at AWG cables for main contacts   | 2x (20 12)   |  |  |  |  |
| connectable conductor cross-section for main<br>contacts  |  |  |  |  |  |
| solid   | 0.5 4 mm²  |  |  |  |  |
| stranded  | 0.5 4 mm <sup>2</sup>  |  |  |  |  |
| <ul> <li>finely stranded with core end processing</li> </ul>  | 0.5 2.5 mm <sup>2</sup>  |  |  |  |  |
| <ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> | 0.5 2.5 mm <sup>2</sup>  |  |  |  |  |
| connectable conductor cross-section for auxiliary   |  |  |  |  |  |
| connectable conductor cross-section for auxiliary contacts  |  |  |  |  |  |
|   |  |  |  |  |  |

| -  | with core end processir                           | 0.5 4 sing 0.5 2.8        |  | 2.5 mm <sup>2</sup>           |  |   |
|--|---|---------------------------|--|-------------------------------|--|---|
|  | without core end proce                            | -                         | 0.5 2.5 r  | nm²                           |  |   |
|  | conductor cross-sect                              | ions                      |  |                               |  |   |
|  | for auxiliary contacts                            |                           | 0(0.5  | 4                             |  |   |
|  | or stranded                                       |                           | 2x (0,5 4 mm <sup>2</sup> )                      |                               |  |   |
| -  | ded with core end proc                            | -                         | 2x (0.5 2.5 mm <sup>2</sup> )                    |                               |  |   |
| -  | ded without core end p                            | processing                |  | 2x (0.5 2.5 mm <sup>2</sup> ) |  |   |
|  | for auxiliary contacts                            |                           | 2x (20 12)                                       |                               |  |   |
| AWG number as cod<br>section<br>• for main contact |   |                           | 20 12  |                               |  |   |
| <ul> <li>for auxiliary con</li> </ul>              | -   |                           | 20 12<br>20 12                                   |                               |  |   |
| Safety related data                                | 18013   |                           | 20 12  | _                             |  |   |
| product function                                   |   |                           |  | _                             |  |   |
| •  | poording to IEC 60047                             | 4 4                       | Yes  |                               |  |   |
|  | ccording to IEC 60947                             |                           |  |                               |  |   |
| 5-1  | operation according to                            |                           | No   |                               |  |   |
|  | emand rate according t                            | 0 311 3 1920              | 1 000 000  |                               |  |   |
| proportion of danger                               |   | 21020                     | 40.0/  |                               |  |   |
|  | d rate according to SN                            |                           | 40 %   |                               |  |   |
| -  | nd rate according to SN                           |                           | 73 %   |                               |  |   |
| 31920  | ow demand rate accord                             | aing to SN                | 100 FIT  |                               |  |   |
|  | test interval or service life according to        |                           | 20 y   |                               |  |   |
|  | protection class IP on the front according to IEC |                           | IP20   |                               |  |   |
| touch protection on                                | the front according to                            | IEC 60529                 | finger-safe, for vertical contact from the front |                               |  |   |
| suitability for use                                |   |                           |  |                               |  |   |
| <ul> <li>safety-related sv</li> </ul>              | witching OFF                                      |                           | Yes  |                               |  |   |
| Certificates/ approvals                            | 5   |                           |  |                               |  |   |
| General Product Ap                                 |   |                           |  |                               |  |   |
| contrain roudor rp                                 | prorui  |                           |  |                               |  |   |
|  | ()<br>CCC   | <u>Confirmation</u>       | <u>on</u>  | UL<br>UL                      | <u>KC</u>                                      | EHC   |
| EMC  | Functional<br>Safety/Safety of<br>Machinery       | Declaration of Conformity |  | Test Certificates             |  |   |
| RCM  | <u>Type Examination</u><br><u>Certificate</u>     |                           |  | CE<br>EG-Konf.                | <u>Type Test Certific-</u><br>ates/Test Report | <u>Special Test Certific-</u><br><u>ate</u> |
| Marine / Shipping                                  |   |                           |  |                               |  |   |
| ABS  | BUREAU<br>VERITAS                                 |                           |  | Hoyd's<br>Register<br>urs     | PRS  | RINA  |
| Marine / Shipping                                  | other   |                           |  |                               |  |   |





**Confirmation** 

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2017-2AP04

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-2AP04

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2AP04

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2017-2AP04&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2AP04/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-2AP04&objecttype=14&gridview=view1

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