TYPE TEST REPORT
VISUAL AND DIMENSIONAL INSPECTION
HV MANUAL EARTHING DISCONNECTOR SWITCH
DSC - D344640 - Loco E402A - CAF

1.DOCUMENTI DI RIFERIMENTO / REFERENCE DOCUMENTS

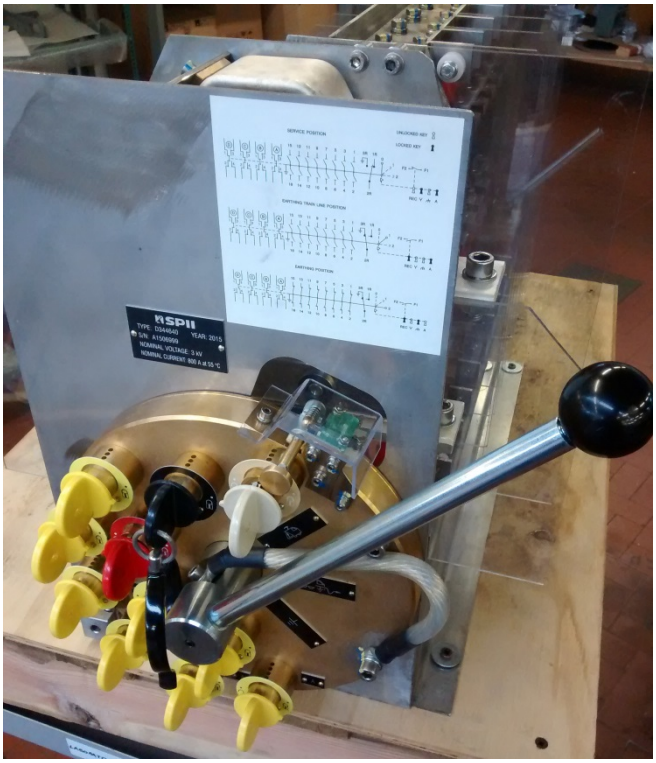
Documenti / Documents	
Type Test Procedure	D345899
Drawing	D345886

2.CONDIZIONI AMBIENTALI / *ENVIRONMENTAL CONDITIONS*

Dati ambientali / Environmental Data	
Data esecuzione Test / Test performance *Date*	04/11/2015
Temperatura / *Temperature* [°C]	25°C
Umidità / *Humidity* [% UR]	55% UR

3.OGGETTO IN PROVA / EQUIPMENT UNDER THE TEST

Tipo / Type	Earthing Manual Disconnector Switch
Codice / ID	D344640
S/N	A1506999

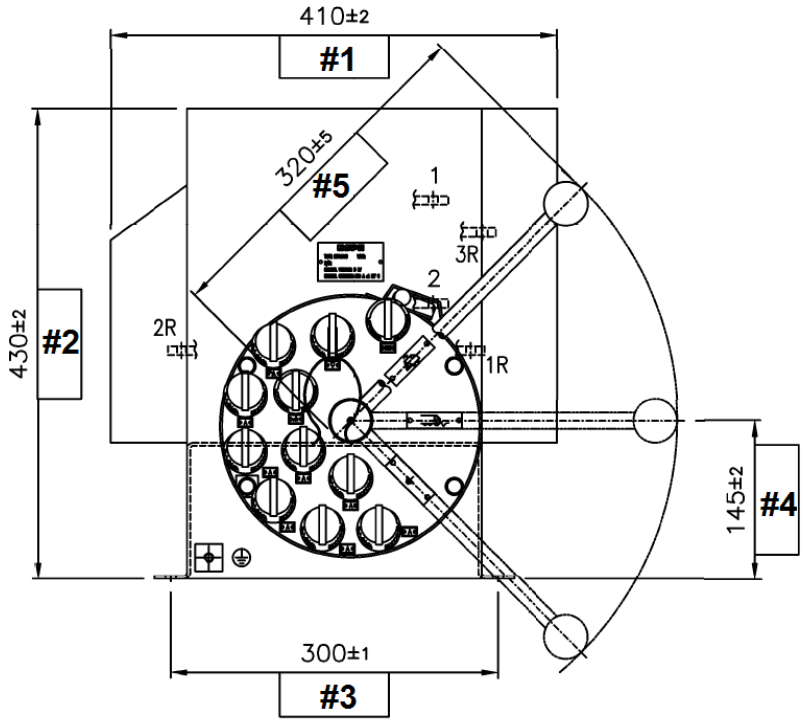


4.STRUMENTAZIONE UTILIZZATA / INSTRUMENTATION USED

#	Strumenti / Instruments	*Caratteristiche / Characteristics*
1	Caliper 885, scad 04/16	Portata / Range: 650 mm Sensibilità / sensibility: 0.01 mm
2	Caliper 994, scad 04/16	Portata / Range: 300 mm Sensibilità / sensibility: 0.01 mm
3	Caliper 1260, scad 05/17	Portata / Range: 510 mm Sensibilità / sensibility: 0.01 mm
4	Bilancia / Balance – DINI ARGEO (codice / code SPII 1217) Scad. Taratura: 05/16	Portata / Range: 15 kg Sensibilità / sensibility: 0.01 kg

5.ESECUZIONE DELLA PROVA / TEST EXECUTION

Type Test	Note / Notes
A. Controllo visivo / *Visual Check*	1. Integrità del prodotto / *Product integrity* 2. Assenza di difetti costruttivi / Absence of costructive defect 3. Targhette Identificative / *Identification plates* 4. Chiavi Accessorie / *Keys*
B. Controllo della massa del DSC / Check of DSC Weight: Nominal Mass: 52,5 ±5% kg	5. Massa Misurata / *Actual Mass:* 52,5 kg
Quote / Quotas	
C. Controllo dimensionale / *Dimensional Inspection*	6. Vedi / *See doc.* **D345886**
Quote / Quotas	



Misure sperimentali / experimental measurements	*Risultato/ Result*	*Note*
#1: Acceptability criteria: (410 ± 2,0)mm **#** / **Measure [mm]** 1 / 409,8 2 / 409,6 3 / 409,7 4 / 409,9 5 / 409,7 6 / 409,8 7 / 410,2 8 / 409,8 9 / 410,2 10 / 410,2	409,89 mm	*Direct measure of the size*
#2: Acceptability criteria: (430 ± 2,0)mm **#** / **Measure [mm]** 1 / 430,5 2 / 430,5 3 / 430,5 4 / 430,7 5 / 430,3 6 / 430,5 7 / 430,6 8 / 430,3 9 / 430,6 10 / 430,3	430,48 mm	*Direct measure of the size*
#3: Acceptability criteria: (300 ± 1,0)mm **#** / **Measure [mm]** 1 / 299,50 2 / 299,83 3 / 299,88 4 / 300,12 5 / 299,64 6 / 300,26 7 / 299,48 8 / 300,16 9 / 300,21 10 / 299,82	299,89 mm	*Direct measure of the size*

<table>
<tr>
<td>#4:
Acceptability criteria: (145 ± 2,0)mm

<table><tr><th>#</th><th>Measure [mm]</th></tr><tr><td>1</td><td>144,48</td></tr><tr><td>2</td><td>144,58</td></tr><tr><td>3</td><td>144,44</td></tr><tr><td>4</td><td>144,28</td></tr><tr><td>5</td><td>144,51</td></tr><tr><td>6</td><td>145,16</td></tr><tr><td>7</td><td>145,08</td></tr><tr><td>8</td><td>144,46</td></tr><tr><td>9</td><td>145,20</td></tr><tr><td>10</td><td>144,72</td></tr></table></td>
<td>144,69 mm</td>
<td>Direct measure of the size</td>
</tr>
<tr>
<td>#5:
Acceptability criteria: (320 ± 5,0)mm

<table><tr><th>#</th><th>Measure [mm]</th></tr><tr><td>1</td><td>318,30</td></tr><tr><td>2</td><td>318,32</td></tr><tr><td>3</td><td>318,35</td></tr><tr><td>4</td><td>318,30</td></tr><tr><td>5</td><td>318,40</td></tr><tr><td>6</td><td>318,35</td></tr><tr><td>7</td><td>318,27</td></tr><tr><td>8</td><td>318,33</td></tr><tr><td>9</td><td>318,34</td></tr><tr><td>10</td><td>318,40</td></tr></table></td>
<td>318,33 mm</td>
<td>Direct measure of the size</td>
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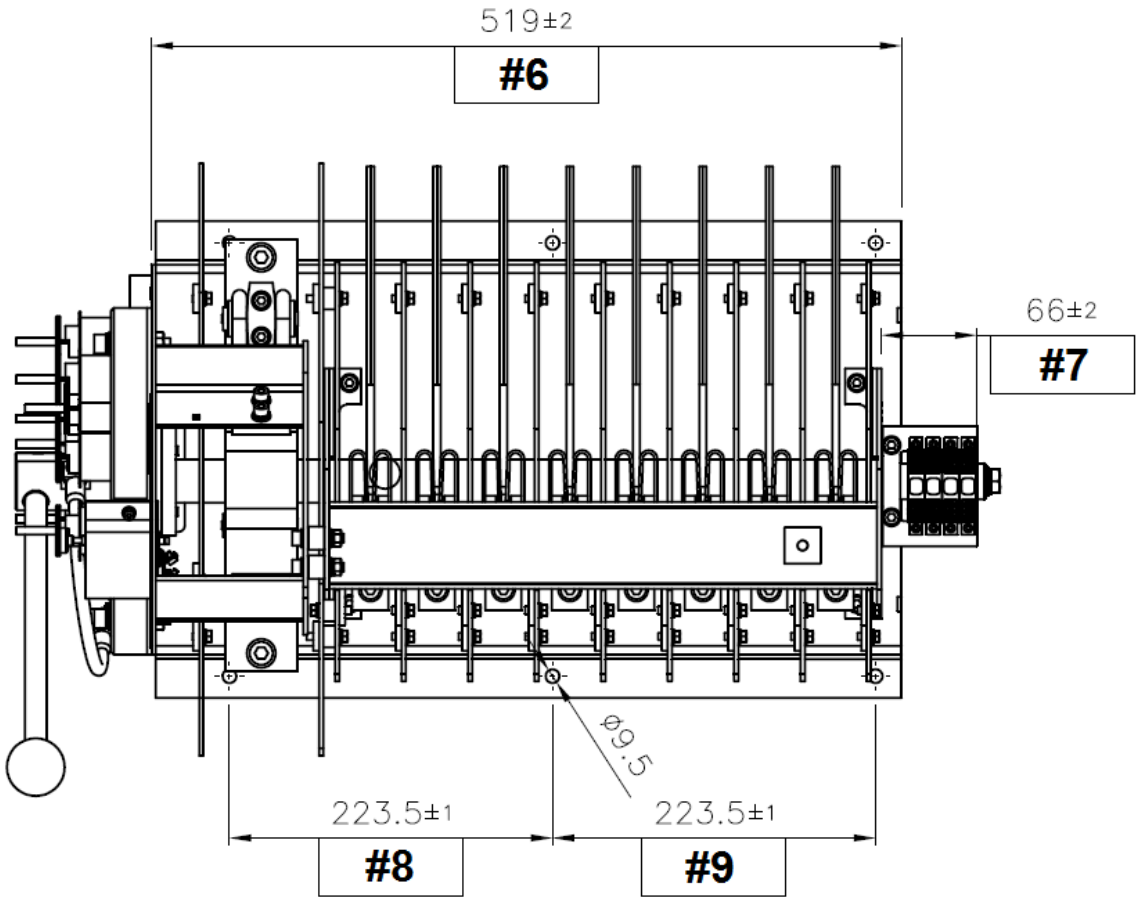
Quote / Quotas	



Misure sperimentali / experimental measurements	***Risultato/ Result***	***Note***
#6: Acceptability criteria: (519 ± 2,0)mm **#** / **Measure [mm]** 1 / 519,90 2 / 519,20 3 / 518,75 4 / 519,11 5 / 518,91 6 / 519,07 7 / 518,96 8 / 518,50 9 / 519,03 10 / 518,92	519,03 mm	*Direct measure of the size*

<table>
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<td>#7:
Acceptability criteria: (66 ± 2,0)mm

<table><tr><th>#</th><th>Measure [mm]</th></tr><tr><td>1</td><td>65,89</td></tr><tr><td>2</td><td>66,32</td></tr><tr><td>3</td><td>66,35</td></tr><tr><td>4</td><td>65,84</td></tr><tr><td>5</td><td>66,17</td></tr><tr><td>6</td><td>65,91</td></tr><tr><td>7</td><td>66,06</td></tr><tr><td>8</td><td>65,90</td></tr><tr><td>9</td><td>66,16</td></tr><tr><td>10</td><td>65,85</td></tr></table></td>
<td>66,04 mm</td>
<td>Direct measure of the size</td>
</tr>
<tr>
<td>#8:
Acceptability criteria: (223,5 ± 1,0)mm

<table><tr><th>#</th><th>Measure [mm]</th></tr><tr><td>1</td><td>223,11</td></tr><tr><td>2</td><td>223,26</td></tr><tr><td>3</td><td>223,45</td></tr><tr><td>4</td><td>223,04</td></tr><tr><td>5</td><td>223,18</td></tr><tr><td>6</td><td>223,35</td></tr><tr><td>7</td><td>223,37</td></tr><tr><td>8</td><td>223,28</td></tr><tr><td>9</td><td>223,18</td></tr><tr><td>10</td><td>223,11</td></tr></table></td>
<td>223,23 mm</td>
<td>Direct measure of the size</td>
</tr>
<tr>
<td>#9:
Acceptability criteria: (223,5 ± 1,0)mm

<table><tr><th>#</th><th>Measure [mm]</th></tr><tr><td>1</td><td>223,21</td></tr><tr><td>2</td><td>223,28</td></tr><tr><td>3</td><td>223,45</td></tr><tr><td>4</td><td>223,61</td></tr><tr><td>5</td><td>223,54</td></tr><tr><td>6</td><td>223,09</td></tr><tr><td>7</td><td>223,18</td></tr><tr><td>8</td><td>223,53</td></tr><tr><td>9</td><td>223,61</td></tr><tr><td>10</td><td>223,48</td></tr></table></td>
<td>223,39 mm</td>
<td>Direct measure of the size</td>
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6.RISULTATI / RESULTS

Controllo Visivo / *Visual Check*	
Scopo / *Scope*	Controllo Visivo / *Visual Check*
Disegni di riferimento *Reference drawings*	D345886 D344640
Documento di riferimento / *Reference document*	D344920 D345899
Esito / Result	***COMPLY / CONFORME***
Massa del DSC / *DSC Mass*	
Scopo / *Scope*	Controllo della massa del DSC / DSD Mass Check
Disegni di riferimento *Reference drawings*	D345886
Esito / Result	***COMPLY / CONFORME***
Controllo Dimensionale / *Dimensional Inspection*	
Scopo	Controllo delle dimensioni del DSC / *DSD Dimensional Inspection*
Disegni di riferimento *Reference drawings*	D345886
Esito / Result	***COMPLY / CONFORME***

7.DICHIARAZIONE DI CONFORMITA' / *DECLARATION OF CONFORMITY*

Il Collaudatore Responsabile **The Inspector**	**Collaudo/Test**
Nome/Name: ……FABIO DE VENZ……..	**Data/Date:** ……04/11/2015……
Firma/Signature  ……	