



# RM

# Costruzioni Elettroniche

di Marchioni Davide & Daniele s.n.c.

Via IV Novembre 215/5

Casella postale N° 33

40045 Ponte della Venturina (BO) ITALY

Tel +39 0534 60460

Fax +39 0534 60463

E-MAIL [ufftec@rmitaly.com](mailto:ufftec@rmitaly.com)

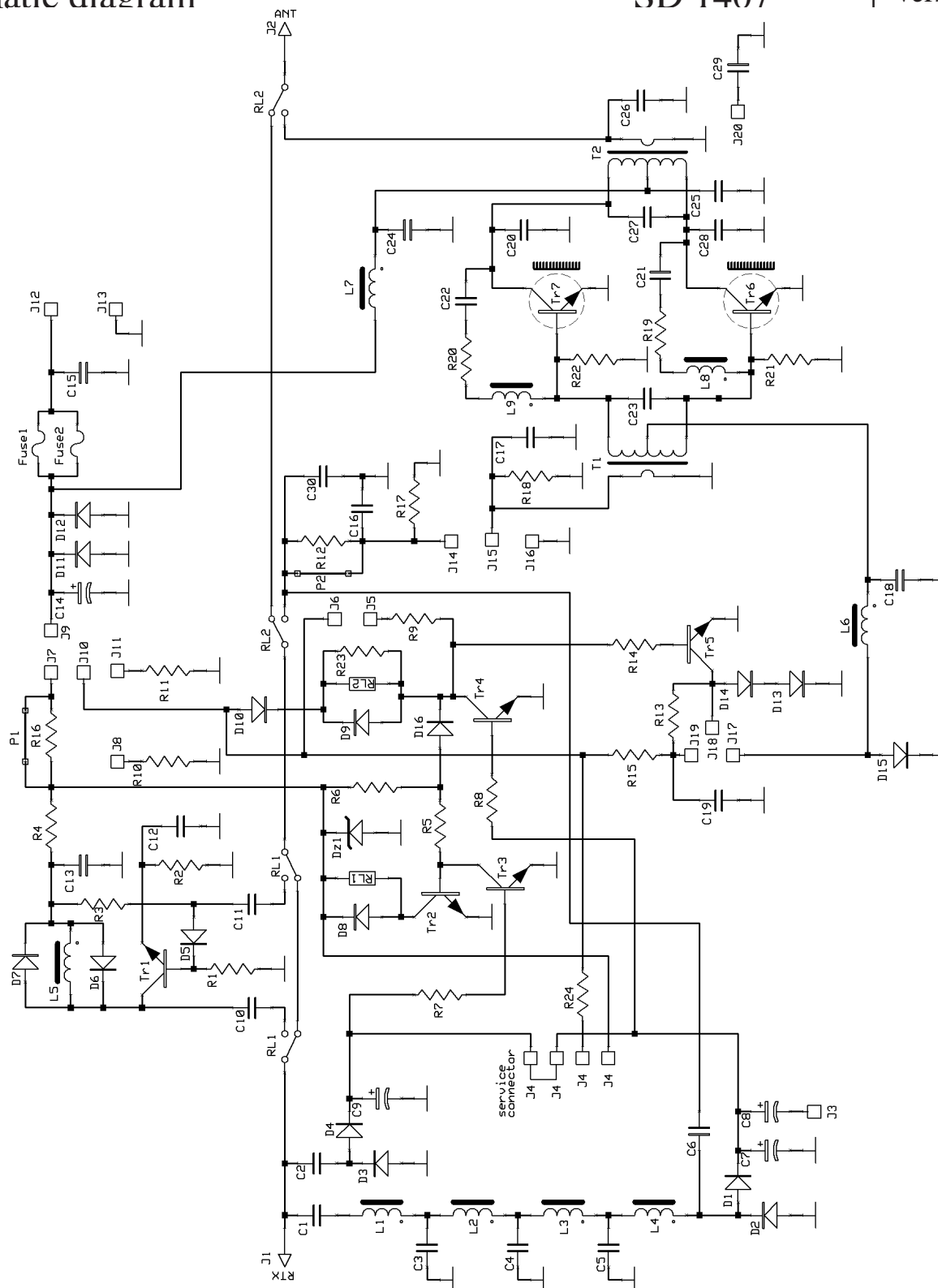
<http://www.rmitaly.com>

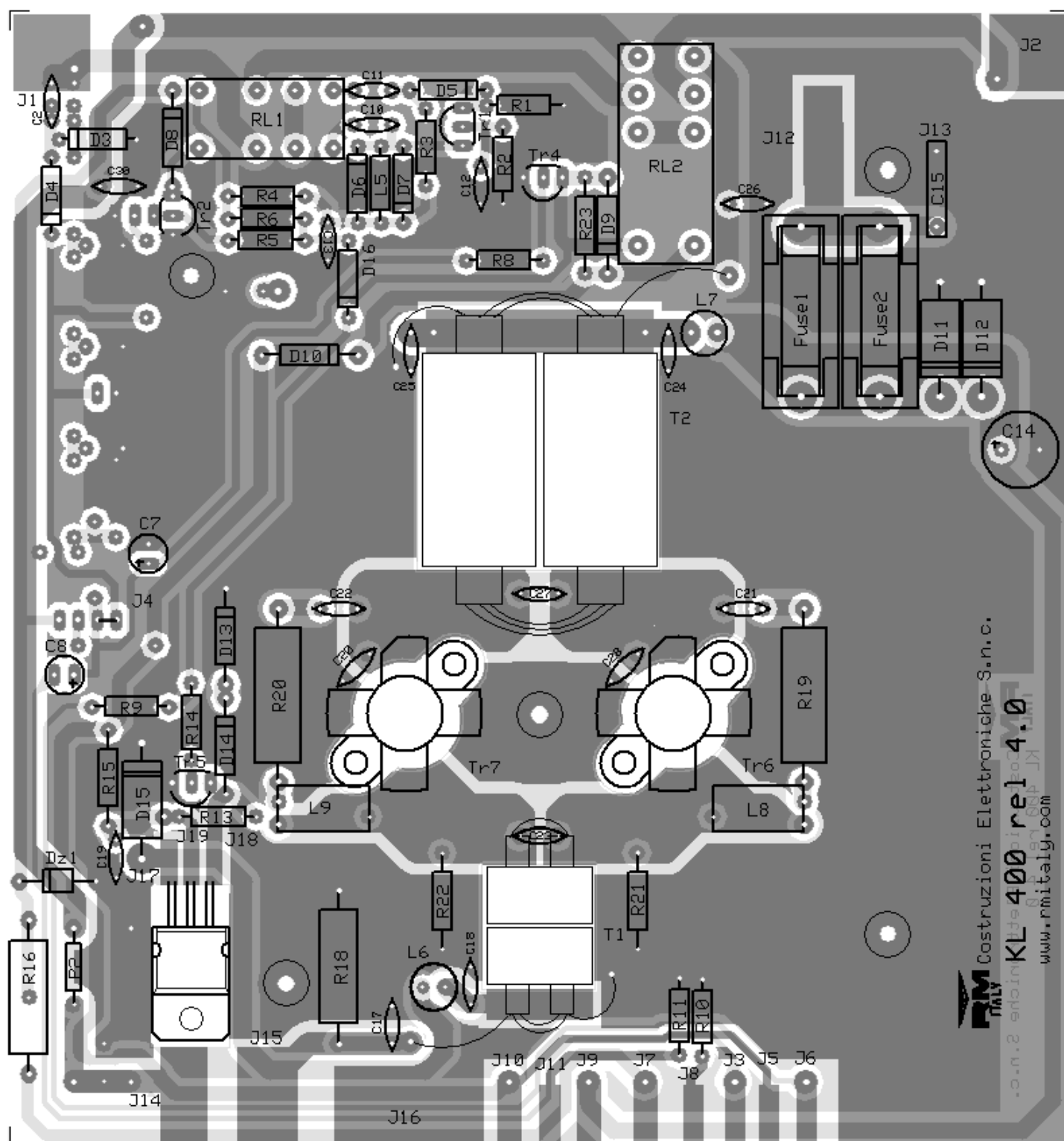
## KL 500/24 linear amplifier

Schematic diagram

SD 1407

Version 4.00





## List of components

C <sub>2</sub>	= 8,2 pF	50 V		D <sub>9</sub>	= 1N4004
C <sub>7</sub>	= 2,2 µF	16 V		D <sub>10</sub>	= 1N4004
C <sub>8</sub>	= 33 µF	16 V		D <sub>11</sub>	= 1N5400
C <sub>10</sub>	= 150 pF	50 V	N750	D <sub>12</sub>	= 1N5400
C <sub>11</sub>	= 56 pF	50 V	N750	D <sub>13</sub>	= 1N4004
C <sub>12</sub>	= 470 pF	50 V	N750	D <sub>14</sub>	= 1N4004
C <sub>13</sub>	= 10 nF	50 V		D <sub>15</sub>	= 1N5400
C <sub>14</sub>	= 470 µF	35 V		D <sub>16</sub>	= 1N4148
C <sub>15</sub>	= 470 nF	100 V	Polyester	Dz <sub>1</sub>	= Zener 12 V 1,3 W
C <sub>17</sub>	= 180 pF	50 V	N750	Tr <sub>1</sub>	= BF 199
C <sub>18</sub>	= 10 nF	50 V		Tr <sub>2</sub>	= BC 547
C <sub>19</sub>	= 100 nF	50 V		Tr <sub>4</sub>	= BC 547
C <sub>20</sub>	= 220 pF	500 V	N750	Tr <sub>5</sub>	= BC 547
C <sub>21</sub>	= 47 nF	50 V		Tr <sub>6</sub>	= SD 1446
C <sub>22</sub>	= 47 nF	50 V		Tr <sub>7</sub>	= SD 1446
C <sub>23</sub>	= 3 x 470 pF	50 V	N750	L <sub>5</sub>	= 10 µH
C <sub>24</sub>	= 100 nF	50 V		L <sub>6</sub>	= VK 200 1 wire
C <sub>25</sub>	= 100 nF	50 V		L <sub>7</sub>	= VK 200 2 wires
C <sub>26</sub>	= 47 pF	1000 V	N750	L <sub>8</sub>	= VK 200
C <sub>27</sub>	= Not present			L <sub>9</sub>	= VK 200
C <sub>28</sub>	= 220 pF	500 V	N750	Rl <sub>1</sub>	= Relè 12V 30229012
C <sub>30</sub>	= 82 pF	50 V	N750	Rl <sub>2</sub>	= Relè 24 V 41529024
R <sub>1</sub>	= 2,2 KΩ	¼W		Fuse <sub>1</sub>	= 8A
R <sub>2</sub>	= 100 Ω	¼W		Fuse <sub>2</sub>	= 8A
R <sub>3</sub>	= 12 KΩ	¼W		T <sub>1</sub>	= Input transformer
R <sub>4</sub>	= 100 Ω	¼W		T <sub>2</sub>	= Output transformer
R <sub>5</sub>	= 4,7 KΩ	¼W			
R <sub>6</sub>	= 4,7 KΩ	¼W			
R <sub>8</sub>	= 2,2 KΩ	¼W			
R <sub>9</sub>	= 2,2 KΩ	¼W			
R <sub>10</sub>	= 2,2 KΩ	¼W			
R <sub>11</sub>	= 2,2 KΩ	¼W			
R <sub>13</sub>	= 3,3 KΩ	½W			
R <sub>14</sub>	= 12 KΩ	¼W			
R <sub>15</sub>	= 1,0 Ω	½W			
R <sub>16</sub>	= 180 Ω	2W			
R <sub>18</sub>	= 150 Ω	2W			
R <sub>19</sub>	= 68 Ω	2W			
R <sub>20</sub>	= 68 Ω	2W			
R <sub>21</sub>	= 10 Ω	½W			
R <sub>22</sub>	= 10 Ω	½W			
R <sub>23</sub>	= 1,2 KΩ	½W			
D <sub>3</sub>	= 1N4148				
D <sub>4</sub>	= 1N4148				
D <sub>5</sub>	= 1N4148				
D <sub>6</sub>	= 1N4148				
D <sub>7</sub>	= 1N4148				
D <sub>8</sub>	= 1N4004				