

# Bijlage 5 voorbeeld-dplc format.txt

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/* APLICATION REGELPROGRAMMA */
/* ***** */

/* Plaats      : @@@@@@@@@@ */
/* Straat      : @@@@@@@@@@@@@@ */
/*             : @@@@@@@@@@@@@@ */

/* Installatie nr. : @@@@@@@@@@ */
/* File          : voorbeeld-dpl.c */
/* Auteur       : @@@@@@@@@@ */
/* Datum        : DD-MM-YY */
/* CCOL         : X.0 */

/* AANTAL INGANGEN-/ UITGANGSIGNALEN */
/* ===== */
#define ISDPLMAX ISMAX /* aantal ingangsignalen */
#define USDPLMAX USMAX /* aantal uitgangsignalen */

/* INCLUDE FILES */
/* ***** */
#include "dorm2sys.c"
#include "evgavar.c" /* display variabelen */
#include "COBALT.def" /* defines */

/* DISPLAY ACHTERGROND */
/* ***** */
void display_background(void)
{
    load_vgapicture_bmp("dorm2vga.bmp");
}

/* DISPLAYPARAMETERS */
/* ***** */
void display_parameters(void)
{
    /* INGANGEN */
    /* ----- */

    /* detectie */
    /* ----- */
    X_is[d011]= 382; Y_is[d011]= 109;
    X_is[d012]= 384; Y_is[d012]= 62;
    X_is[d021]= 402; Y_is[d021]= 109;
    X_is[d022]= 404; Y_is[d022]= 62;
    X_is[d023]= 421; Y_is[d023]= 109;
    X_is[d024]= 423; Y_is[d024]= 62;
    X_is[d025]= 404; Y_is[d025]= 49;
    X_is[d026]= 404; Y_is[d026]= 36;
    X_is[d031]= 440; Y_is[d031]= 109;
    X_is[d032]= 442; Y_is[d032]= 70;
    X_is[d051]= 550; Y_is[d051]= 193;
    X_is[d052]= 574; Y_is[d052]= 195;
    X_is[d061]= 550; Y_is[d061]= 211;
    X_is[d062]= 574; Y_is[d062]= 213;
    X_is[d081]= 486; Y_is[d081]= 342;
    X_is[d082]= 488; Y_is[d082]= 365;
    X_is[d083]= 467; Y_is[d083]= 342;
    X_is[d084]= 469; Y_is[d084]= 365;
    X_is[d085]= 469; Y_is[d085]= 402;
    X_is[d086]= 469; Y_is[d086]= 415;
    X_is[d091]= 448; Y_is[d091]= 326;
    X_is[d092]= 450; Y_is[d092]= 349;
    X_is[d111]= 318; Y_is[d111]= 272;
    X_is[d112]= 270; Y_is[d112]= 274;
    X_is[d113]= 218; Y_is[d113]= 244;
    X_is[d121]= 318; Y_is[d121]= 242;
    X_is[d122]= 270; Y_is[d122]= 244;
    X_is[df081]= 479; Y_is[df081]= 69;
    X_is[df082]= 468; Y_is[df082]= 69;

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|                   |      |                   |      |
|-------------------|------|-------------------|------|
| X_is[d221]=       | 515; | Y_is[d221]=       | 142; |
| X_is[d241]=       | 504; | Y_is[d241]=       | 326; |
| X_is[d242]=       | 504; | Y_is[d242]=       | 350; |
| X_is[d251]=       | 318; | Y_is[d251]=       | 259; |
| X_is[d252]=       | 294; | Y_is[d252]=       | 259; |
| X_is[d261]=       | 367; | Y_is[d261]=       | 155; |
| X_is[d281]=       | 351; | Y_is[d281]=       | 181; |
| X_is[d282]=       | 351; | Y_is[d282]=       | 102; |
| X_is[dk221]=      | 502; | Y_is[dk221]=      | 141; |
| X_is[dk241]=      | 518; | Y_is[dk241]=      | 330; |
| X_is[dk261]=      | 376; | Y_is[dk261]=      | 159; |
| X_is[dk281]=      | 349; | Y_is[dk281]=      | 192; |
| X_is[dk311]=      | 370; | Y_is[dk311]=      | 127; |
| X_is[dk312]=      | 455; | Y_is[dk312]=      | 127; |
| X_is[dk322]=      | 509; | Y_is[dk322]=      | 127; |
| X_is[dk331]=      | 529; | Y_is[dk331]=      | 185; |
| X_is[dk332]=      | 529; | Y_is[dk332]=      | 226; |
| X_is[dk342]=      | 529; | Y_is[dk342]=      | 276; |
| X_is[dk351]=      | 517; | Y_is[dk351]=      | 308; |
| X_is[dk352]=      | 437; | Y_is[dk352]=      | 308; |
| X_is[dk362]=      | 378; | Y_is[dk362]=      | 308; |
| X_is[dk371]=      | 335; | Y_is[dk371]=      | 287; |
| X_is[dk372]=      | 335; | Y_is[dk372]=      | 234; |
| X_is[dk382]=      | 335; | Y_is[dk382]=      | 185; |
| X_is[ds02i]=      | 336; | Y_is[ds02i]=      | 9;   |
| X_is[ds02u]=      | 336; | Y_is[ds02u]=      | 78;  |
| X_is[ds05i]=      | 631; | Y_is[ds05i]=      | 171; |
| X_is[ds05u]=      | 562; | Y_is[ds05u]=      | 171; |
| X_is[ds06i]=      | 631; | Y_is[ds06i]=      | 234; |
| X_is[ds06u]=      | 562; | Y_is[ds06u]=      | 234; |
| X_is[ds07i]=      | 486; | Y_is[ds07i]=      | 434; |
| X_is[ds07u]=      | 537; | Y_is[ds07u]=      | 315; |
| X_is[ds08i]=      | 553; | Y_is[ds08i]=      | 424; |
| X_is[ds08u]=      | 553; | Y_is[ds08u]=      | 355; |
| X_is[ds09i]=      | NG;  | Y_is[ds09i]=      | NG;  |
| X_is[ds09u]=      | NG;  | Y_is[ds09u]=      | NG;  |
| X_is[ds11i]=      | 208; | Y_is[ds11i]=      | 297; |
| X_is[ds11u]=      | 277; | Y_is[ds11u]=      | 297; |
| X_is[ds12i]=      | 208; | Y_is[ds12i]=      | 215; |
| X_is[ds12u]=      | 277; | Y_is[ds12u]=      | 215; |
| X_is[ds62i]=      | 407; | Y_is[ds62i]=      | 352; |
| X_is[dbrw]=       | 432; | Y_is[dbrw]=       | 431; |
| X_is[dres1]=      | NG;  | Y_is[dres1]=      | NG;  |
| X_is[dres2]=      | NG;  | Y_is[dres2]=      | NG;  |
| X_is[dres3]=      | NG;  | Y_is[dres3]=      | NG;  |
| X_is[dgroenm302]= | 314; | Y_is[dgroenm302]= | 365; |
| X_is[dgroenm108]= | 212; | Y_is[dgroenm108]= | 365; |

/\* overige ingangen \*/

/\* ----- \*/

|              |      |              |      |
|--------------|------|--------------|------|
| X_is[iscyc]= | 208; | Y_is[iscyc]= | 114; |
| X_is[isfix]= | 208; | Y_is[isfix]= | 124; |
| X_is[isdet]= | 208; | Y_is[isdet]= | 134; |

/\* UITGANGEN \*/

/\* ----- \*/

/\* fasecyccli \*/

/\* ----- \*/

|             |      |             |      |
|-------------|------|-------------|------|
| X_us[fc01]= | 378; | Y_us[fc01]= | 48;  |
| X_us[fc02]= | 398; | Y_us[fc02]= | 30;  |
| X_us[fc03]= | 436; | Y_us[fc03]= | 45;  |
| X_us[fc05]= | 547; | Y_us[fc05]= | 190; |
| X_us[fc06]= | 547; | Y_us[fc06]= | 208; |
| X_us[fc08]= | 483; | Y_us[fc08]= | 322; |

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X_us[fc09]= 444; Y_us[fc09]= 322;
X_us[fc11]= 252; Y_us[fc11]= 269;
X_us[fc12]= 208; Y_us[fc12]= 239;
X_us[fc22]= 374; Y_us[fc22]= 139;
X_us[fc24]= 502; Y_us[fc24]= 322;
X_us[fc25]= 208; Y_us[fc25]= 257;
X_us[fc26]= 374; Y_us[fc26]= 153;
X_us[fc28]= 349; Y_us[fc28]= 198;
X_us[fc31]= 374; Y_us[fc31]= 122;
X_us[fc32]= 460; Y_us[fc32]= 122;
X_us[fc33]= 526; Y_us[fc33]= 188;
X_us[fc34]= 526; Y_us[fc34]= 239;
X_us[fc35]= 442; Y_us[fc35]= 303;
X_us[fc36]= 383; Y_us[fc36]= 303;
X_us[fc37]= 332; Y_us[fc37]= 237;
X_us[fc38]= 332; Y_us[fc38]= 188;
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/\* overige uitgangen \*/

/\* ----- \*/

```
X_us[usputs]= 208; Y_us[usputs]= 99;
X_us[us02bus]= 334; Y_us[us02bus]= 66;
X_us[us05bus]= 572; Y_us[us05bus]= 175;
X_us[us06bus]= 572; Y_us[us06bus]= 238;
X_us[us07bus]= 528; Y_us[us07bus]= 346;
X_us[us08bus]= 552; Y_us[us08bus]= 370;
X_us[us11bus]= 217; Y_us[us11bus]= 297;
X_us[us12bus]= 217; Y_us[us12bus]= 215;
X_us[uswtov]= 208; Y_us[uswtov]= 89;
X_us[usm11]= 563; Y_us[usm11]= 73;
X_us[usm12]= 573; Y_us[usm12]= 73;
X_us[usm13]= 583; Y_us[usm13]= 73;
X_us[usm14]= 593; Y_us[usm14]= 73;
X_us[usm15]= 604; Y_us[usm15]= 72;
X_us[usm16]= 613; Y_us[usm16]= 73;
X_us[uskpa]= 208; Y_us[uskpa]= 79;
X_us[usoch]= 208; Y_us[usoch]= 39;
X_us[usavo]= 209; Y_us[usavo]= 48;
X_us[uswkn]= 208; Y_us[uswkn]= 69;
X_us[usres5]= NG; Y_us[usres5]= NG;
X_us[usda1]= 208; Y_us[usda1]= 59;
X_us[us11v1]= 323; Y_us[us11v1]= 294;
X_us[usbrw]= 430; Y_us[usbrw]= 390;
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```
X_us[us08gekop]= 211; Y_us[us08gekop]= 388;
X_us[us09gekop]= 211; Y_us[us09gekop]= 409;
X_us[us08kopwens]= 211; Y_us[us08kopwens]= 376;
X_us[us09kopwens]= 211; Y_us[us09kopwens]= 398;
X_us[usgroen02]= 211; Y_us[usgroen02]= 420;
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```
X_us[us01gekop]= 310; Y_us[us01gekop]= 387;
X_us[us02gekop]= 310; Y_us[us02gekop]= 410;
X_us[us03gekop]= 310; Y_us[us03gekop]= 431;
X_us[us01kopwens]= 310; Y_us[us01kopwens]= 376;
X_us[us02kopwens]= 310; Y_us[us02kopwens]= 398;
X_us[us03kopwens]= 310; Y_us[us03kopwens]= 420;
X_us[usgroen08]= 310; Y_us[usgroen08]= 442;
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```
X_us[us22wt]= 496; Y_us[us22wt]= 146;
X_us[us24wt]= 509; Y_us[us24wt]= 361;
X_us[us26wt]= 392; Y_us[us26wt]= 159;
X_us[us28wt]= 354; Y_us[us28wt]= 206;
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}