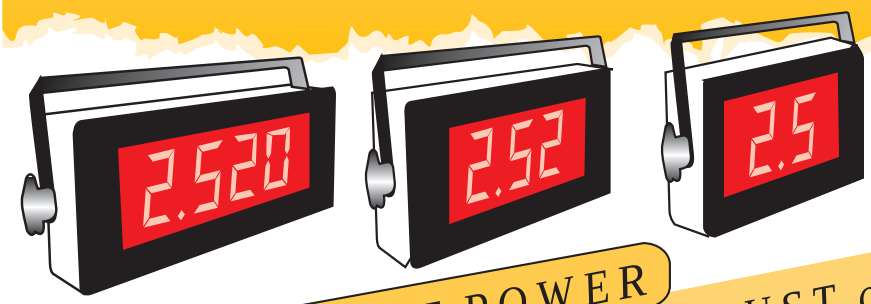
BDC INDICATORS

100mm GIANT

200mm SUPER-GIANT



CE

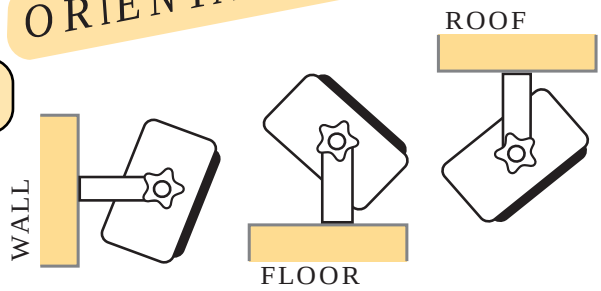
GREAT SIGHT POWER

ROBUST and SEALED. IP65

2,3,4,5 Digits in BCD code

ORIENTABLE

OPTOISOLATED inputs



GIANT-DISPLAY (Dimensions)

	XX
2 BCD	300mm
3BCD	400mm
4BCD	600mm

Models

	x) DIGITS
GIANT (100mm)	KD:xBCDMUX/GIG
SUPERGIANT (181mm)	KD:xBCDMUX/SGIG

Description

The high brightness Giant and Super Giant displays can be seen from diferent angles and from far away.

Input types

Optocoupled	*NPN or PNP, (15 .. 24VDC)*
Digitals	*BCD (multiplexad, extended)*

Electrical charact.

Supply	230VAC ±10%	50/60Hz
Protection		Fuse0,5A
Max. consumption	GIANT	40W
	SUPERGIANT	50W

Mechanical charact

Protection			*IP65*
Steel box			*1,38mm*
Dimensions / Weight	*GIANT*	*600x200x800*	*5 Kgrs*
	SUPERGIANT	*800x400x120*	*7 Kgrs*

Technical charact.

Max 5 digits(sign)	*-99.999*
Decimal	*selectable through Strap*
Digit height	*GIANT 100mm* *SUPERGIANT 200mm*
7 segments Digits, red, high brightness	
max visibility	*GIANT 80mts* *SUPERGIANT 140mts*

REGULATIONS COMPLIANCE

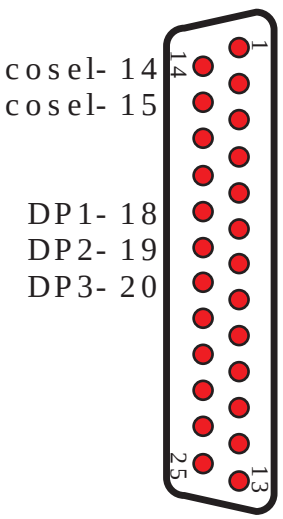
Electromagnetic Compatibility	2004 / 108 / CE
Low voltage for amb. industrial	2006/95/CEE
Electromagnetic emissions	UNE-EN 50081-2
Electromagnetic immunity	UNE-EN 50082-2
Waste electronics(WEEE)	2002 / 96 / CE

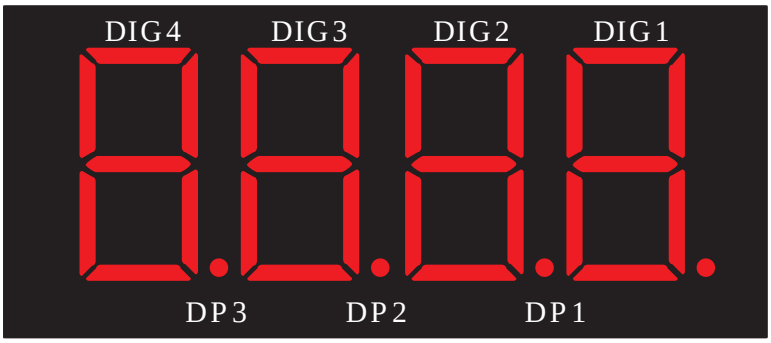
CE

GIANT Indiciator connection

BCD Multiplexed Input

Connector SUBD25 (male in chasis)

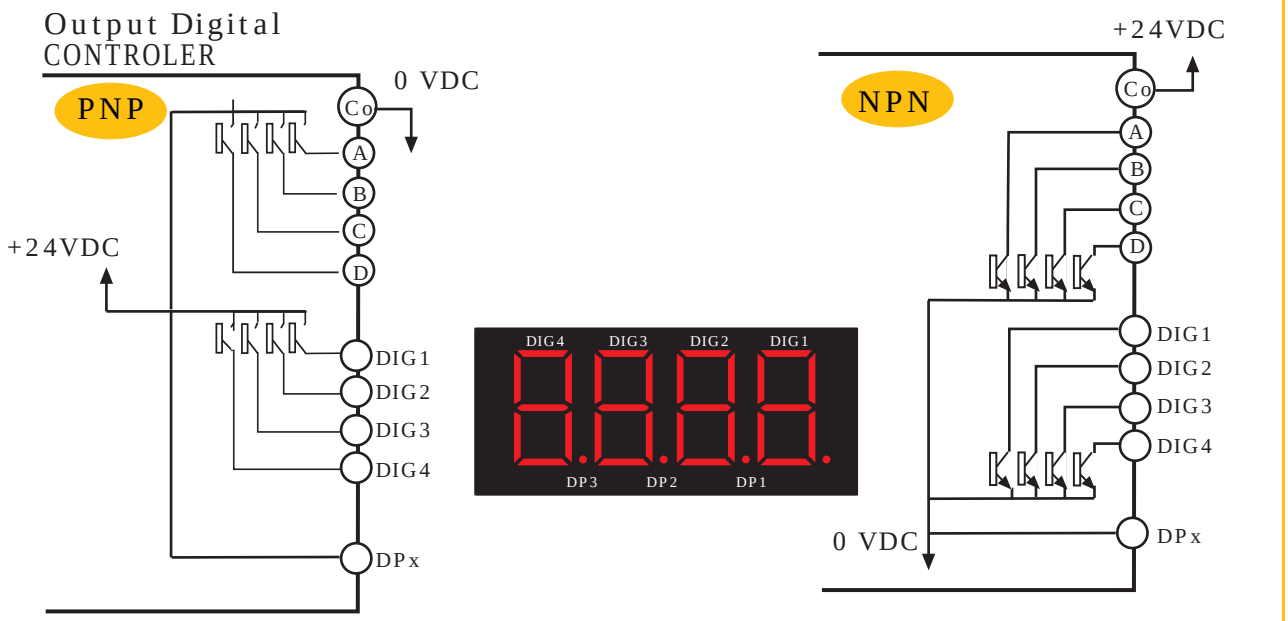




BCD Input Selection (PNP or NPN)

Co COSEL (Common selec.)
NPN ⇨ +24 V
PNP ⇨ 0V

- *Channel selection "A, B, C, D and Ext, is usually made with transistors.*
- The switching will be faster and unlimited.



Alternate charact.- Alternate the Data to visualize and the white character..

White charact .- Select A-B-C-B to "1"

DATA-VISOR SELECTION

1= ON
O= OFF

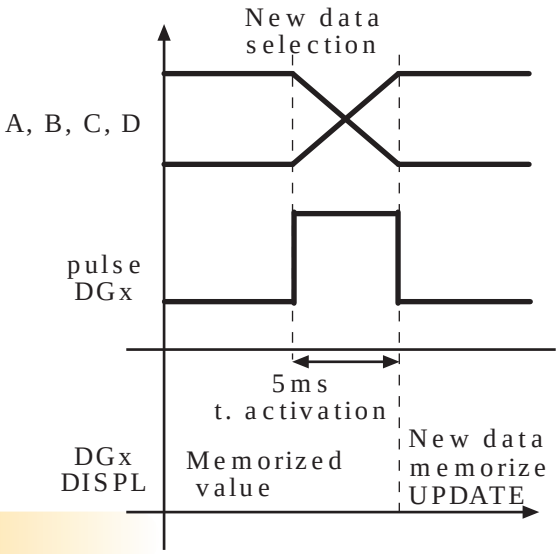
D	C	B	A	
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	0	0	0	8
1	0	0	1	9
1	1	1	1	blanco

** The channel selection is made with BCD code*

DIGIT SELECTION "DGx"

DG4	DG3	DG2	DG1	
0	0	0	⎍	
0	0	⎍	0	
0	⎍	0	0	
⎍		0	0	

** The digit selection is made with a 5ms pulse.*



SEQUENCE to update DATA in the DISPLAY

1. Select the data to visualize (A, B, C, D)
2. Activate the bit of the digit to visualize (DIGx), for 5ms.
3. The value of the digit is memorized.
4. Repeat the points 1 and 2 to update the data.

SEQUENCE SELECTION