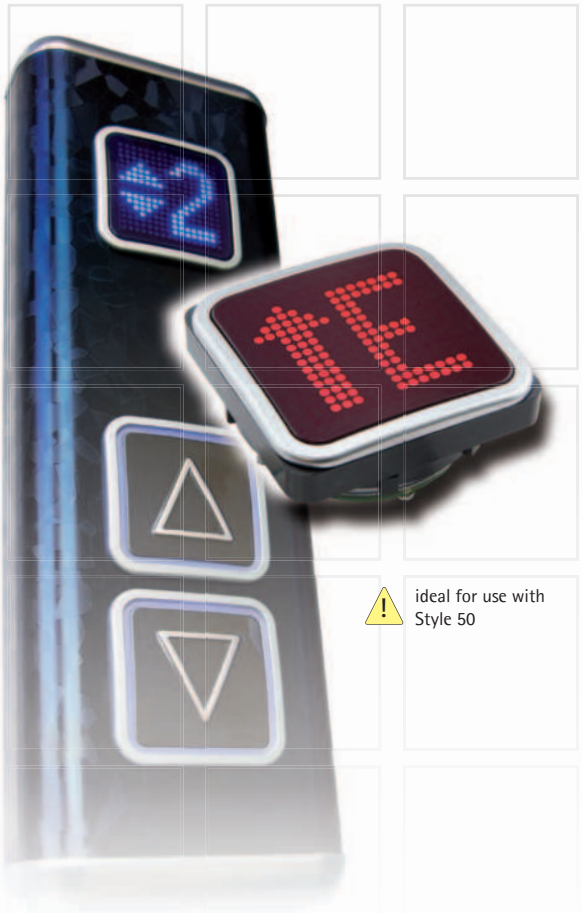
D 50 Q DMD 16 x 16

Dot Matrix Display



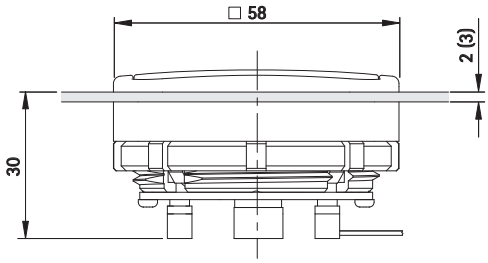
ideal for use with Style 50

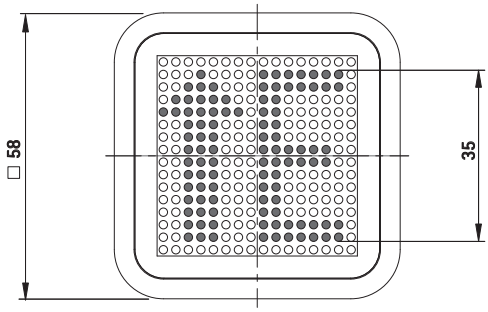
Characteristics

Description	dot matrix display with 35 mm height of characters
Fixing	spacer + nut
Faceplate thickness	up to 6 mm with spacer, as from 6 mm without spacer
Power supply	12 V ... 30 V DC smoothed
Current consumption	125 mA
Resolution	16 x 16 dots
Luminosity	display ● 15 mcd / dot display ● 32 mcd / dot
Temperature range	0 °C ... + 65 °C | 149 °F
Polarity	common anode or common cathode
Configuration	on site by DIP switches or via DMD Config Kit
Control	dual, gray, 1 out of n via Encoder / Connector
Connection technology	10 AWG 28 ribbon cable
Special information	max. 4 special texts as ticker or symbols
Panes	Plates D 50 Q 21 PC red 23 PC blue
Compliance	EN 81-70

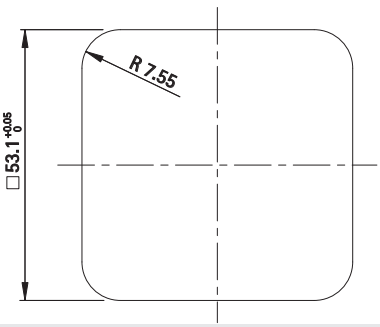
Rear view

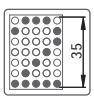
Dimensions





Cutout





50 Housings B 50 Q I. 4. 4
Plates D 50 Q I. 4. 18

Material code II. 1. 1 / 4

ACCESSORIES option
Encoder, Connector II. 1. 60 - II. 1. 61

GUIDE II. 1. 64

P 50 Q DMD 16 x 16

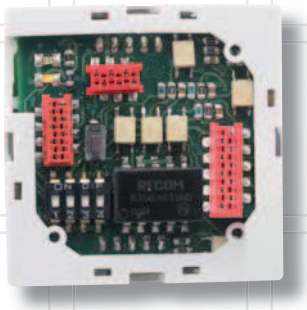
Dot Matrix Display

ideal for use with
landing fixture
SIMPLE 65

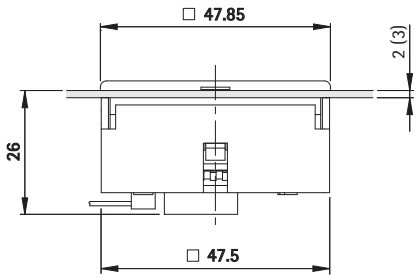
Characteristics

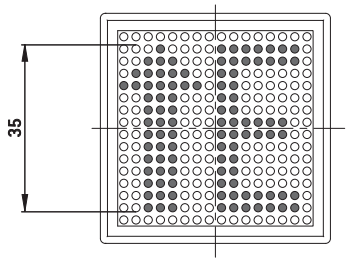
Description	dot matrix display with 35 mm height of characters
Fixing	snap fixing
Faceplate thickness	2 mm ... 3 mm
Power supply	12 V ... 30 V DC smoothed
Current consumption	125 mA
Resolution	16 x 16 dots
Luminosity	display 🔴 15 mcd / dot display 🔵 32 mcd / dot
Temperature range	0 °C ... + 65 °C | 149 °F
Polarity	common anode or common cathode
Configuration	on site by DIP switches or via DMD Config Kit
Control	dual, gray, 1 out of n via Encoder / Connector
Connection technology	10 AWG 28 ribbon cable
Special information	max. 4 special texts as ticker or symbols
Panes	Panes P 50 Q: 21 PC red 23 PC blue
Compliance	EN 81-70

Rear view



Dimensions





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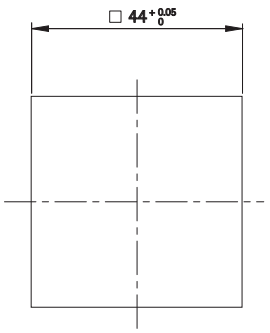
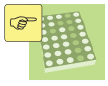




Material code II. 1. 1 / 4

ACCESSORIES

option
Encoder, Connector II. 1. 60 - II. 1. 61

GUIDE II. 1. 64

Update P 50 Q DMD 16x16 / 2010-10
REVISION a

P 50 R DMD 16 x 16

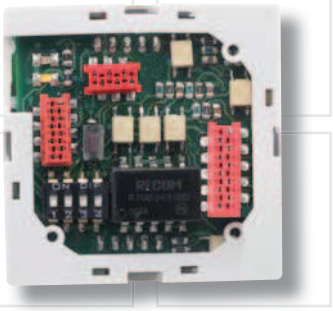
Dot Matrix Display

ideal for use with
landing fixture
SIMPLE 65

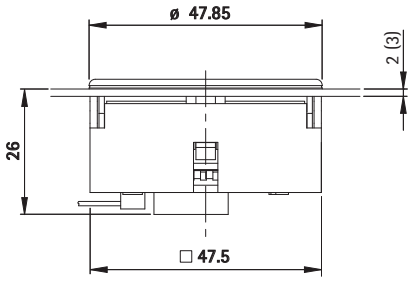
Characteristics

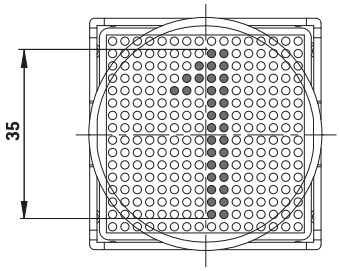
Description	dot matrix display with 35 mm height of characters
Fixing	snap fixing
Faceplate thickness	2 mm ... 3 mm
Power supply	12 V ... 30 V DC smoothed
Current consumption	125 mA
Resolution	16 x 16 dots
Luminosity	display 🔴 15 mcd / dot display 🔵 32 mcd / dot
Temperature range	0 °C ... + 65 °C | 149 °F
Polarity	common anode or common cathode
Configuration	on site by DIP switches or via DMD Config Kit
Control	dual, gray, 1 out of n via Encoder / Connector
Connection technology	10 AWG 28 ribbon cable
Special information	max. 4 special texts as ticker or symbols
Panes	Panes P 50 R: 21 PC red 23 PC blue
Compliance	EN 81-70

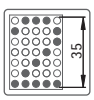
Rear view



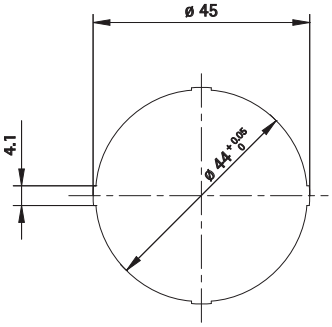
Dimensions







Cutout



Material code II. 1. 1 / 4

ACCESSORIES
option
Encoder, Connector II. 1. 60 - II. 1. 61

GUIDE
II. 1. 64

REVISION a
Update P 50 R DMD 16x16 / 2010-10

MATERIAL CODE / LABEL

D 50 Q DMD 16 x 16, P 50 Q DMD 16 x 16, P 50 R DMD 16 x 16

DESIGN

B	Button
D	Display
K	Key Switch
W	W-Indicator
P	Pane
T	Toggle Switch
E	Emergency Stop

D

SHAPE

Q	square
R	round

Q

CONNECTION

VIII	connection with jumper NO-L1
IX	connection without jumper NO-L1
16	DMD 16 x 16
red	only Toggle Switch
black	only Toggle Switch
	customized

16

SCHAEFER ■ D 50 Q 16
01 - 02 - 00 - 12-30V

HOUSING

01

00	without housing	
01	P-Cr	plastic, velour chromed
02		
03	P-black	plastic, velour black
04	Cr-p	chrome, polished
05	Cr-m	chrome, matt
06	TiN-p	TiN-coating, polished
07		
08	Cr-black-p	chrome, black, polished
09	PVD-black-m	PVD-black-matt

PLATE

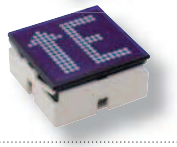
02

01	st. steel, matt
02	st. steel, TiN-coating
03	st. steel, black
04	
05	
10	colour RAL 9010, white
11	colour RAL 3000, red
12	colour RAL 6018, green
13	colour RAL-shade customized
20	PC crystal clear (only D 50 / P 50)
21	PC red (only D 50 / P 50)
22	PC green (only D 50 / P 50)
23	PC blue (only D 50 / P 50)

WATER-PROTECTION EN 81-71

00

00	Class 0
01	IP X3 + Class 1
02	IP X3 + Class 2

EXAMPLES		LABELS
	D 50 Q DMD 16 x 16, housing = P-Cr, plate = red Class 0, 12 V - 30 V	SCHAEFER ■ D 50 Q 16 01 - 21 - 00 - 12-30V
	P 50 R DMD 16 x 16, pane = red Class 0, 12 V - 30 V	SCHAEFER ■ P 50 R 16 00 - 21 - 00 - 12-30V
	P 50 Q DMD 16 x 16, pane = blue Class 0, 12 V - 30 V	SCHAEFER ■ P 50 Q 16 00 - 23 - 00 - 12-30V
	2nd label with DMD 16 x 16	commande/page/appareil - SW 123456/01/01 - 1.3

Update / 2013-01

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