

Labelling of push-buttons and signal lamps





Labelling of push-buttons and signal lamps

Overview of push-button and signal lamp manufacturers

ABB-

BSH-A
BSH-B
BSH-C
BSH-D

ABB

List of ABB push-buttons and signal lamps and the Murrplastik labels that fit them

Page 144

Allen Bradley-

800E 110
800E 120
800E 150
800E 160

Allen Bradley

List of Allen Bradley push-buttons and signal lamps and the Murrplastik labels that fit them

Page 144

Möller-

M22S-STDD
MSSS-ST
Schalterserie MRQ
Tasterelemente YN

Möller

List of Möller push-buttons and signal lamps and the Murrplastik labels that fit them

Page 145

Siemens-

3SB39 22-OAV
3SB39 22-OAW
3SB39 23-OAV
3SB39 25-OAV

Siemens

List of Siemens push-buttons and signal lamps and the Murrplastik labels that fit them

Page 145

Telemechanique

ZBZ 32
ZBZ 33
ZBZ 34
ZBZ 35

Telemechanique

List of Telemechanique push-buttons and signal lamps and the Murrplastik labels that fit them

Page 145

Overview of labels and label holders



Label holder BT / BTK

The BT and BTK label holders are used for labelling non-proprietary components and assemblies.

Page 146



Label holder BT sorted

Small assortment for low volumes: Label holders, label plates, covers and screws.

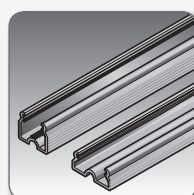
Page 147



Label holder BMA

Neutral label holders type BMA can be outfitted with various label frames of type BT-SR...

Page 148



BZS labelling system

The BZS system makes it easy to apply a wide variety of labelling information in or around the control cabinet.

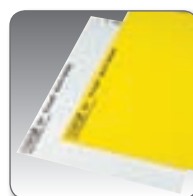
Page 149



KS labels

High-quality, halogen-free, universal label plate for single-line and multi-line inscription.

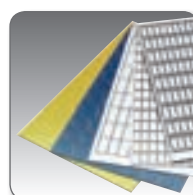
Page 150



Label plate ELW / ELO

Polyester sheet labels for single-line and multi-line inscription of Siemens 3SB push-button and signal lamp holders.

Page 151



DM label plate

Double-layer material with a coloured outer layer and mounting holes. Suitable for plotting, engraving and lasing.

Page 152





Labelling of push-buttons and signal lamps

The Murrplastik labelling system programme offers five different options for labelling push-buttons and signal lamps. They are depicted in the following.

Label holder from the manufacturer

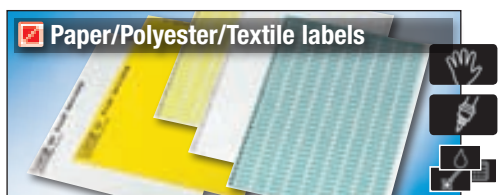
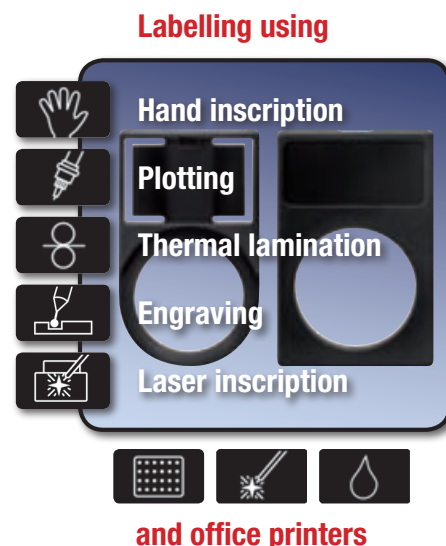
A label from the Murrplastik labelling system is clicked or inserted into the original label holder from the push-button or signal lamp manufacturer.

Compatible Murrplastik label plates:

- Engraving material such as Duomatt DM and
- polyester labels ELO/ELW

fixed-purpose
not freely positionable
assigned

DM	ELW/ELO



Neutral universal labels

Compatible with all push-buttons and signal lamps from all manufacturers.

This type of label involves affixing any label plate desired from the Murrplastik labelling system programme directly onto the control cabinet in the desired position.

Compatible Murrplastik label plates:

- Polycarbonate labels such as KS
- Engraving material like Duomatt DM/TMG
- Engraving material like Alumatt ALM/ALU
- Sheet labels such as ELO/ELW

independent
can be positioned freely
not assigned

The five labelling types for push-buttons and signal lamp labelling

Label holder BT and BTK

Compatible with all push-buttons and signal lamps from all manufacturers.

This type of labelling involves an appropriately sized label plate clicked into a Murrplastik label holders of type BT or BTK.

All label plates up to 2.0 mm in thickness are compatible with this: From simple adhesive stickers to polycarbonate plates and Duomatt and Alumatt materials, the Murrplastik labelling system program can master every labelling situation.

The label carriers type BT and BTK can be positioned as desired on the control cabinet or installation, either through gluing, screwing or riveting.

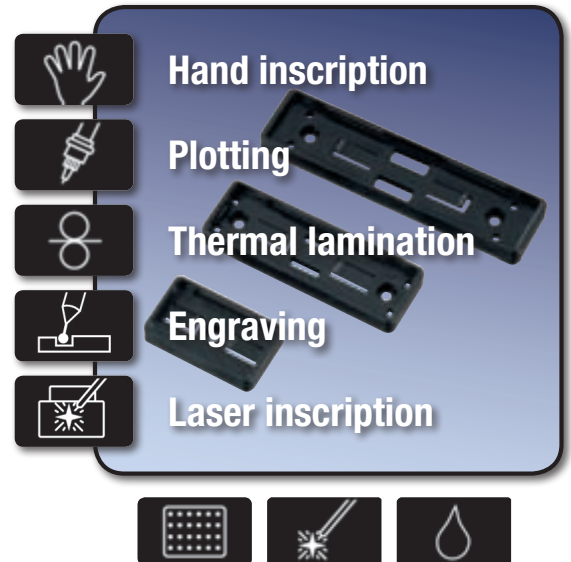
The BTK label holders come with a self-adhesive film on their back to help with mounting: apply, screw down, finished!

Where necessary, a transparent cover can be applied to protect the inserted labels against soiling, mechanical stresses or environmental influence.

The inscription on push-buttons and service lamps can also be changed after installation: simply switch the inserted label plate to provide a different message.



Labelling using
















and office printers

**independent
can be positioned freely
not assigned**

Compatible Murrplastik label plates:

- Polycarbonate labels such as KS
- Engraving material like Duomatt DM/TMG
- Engraving material like Alumatt ALM/ALU
- Sheet labels such as ELO/ELW

KS	DM/TMG	ALM/ALU	ELW/ELO
			
			
			
			
			
			



Labelling of push-buttons and signal lamps

Label holder system BT 22.5

The label plate from the Murrplastik labelling system is glued or clicked into the universal label holder type BT 22.5.

System und label holder then form a fixed mounting unit. The universal label holder is compatible with push-buttons and signal lamps from many manufacturers, provided the exterior diameter is 22.5 mm and above. A variation with a special cut-out contour has been developed for push-buttons and signal lamps from Telemechanique.

Where necessary, a transparent cover can be applied to protect the inserted labels against soiling, mechanical stresses or environmental influence.

The inscription on push-buttons and service lamps can also be changed after installation: simply switch the inserted label plate to provide a different message.

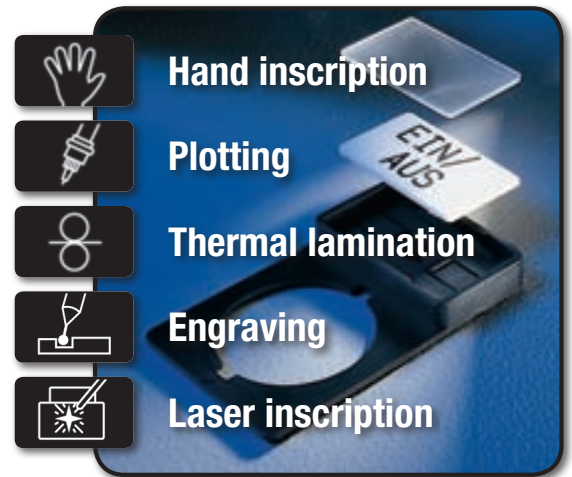
Compatible Murrplastik label plates:

- Polycarbonate labels such as KS
- Engraving material like Duomatt DM/TMG

**fixed-purpose
not freely positionable
assigned**

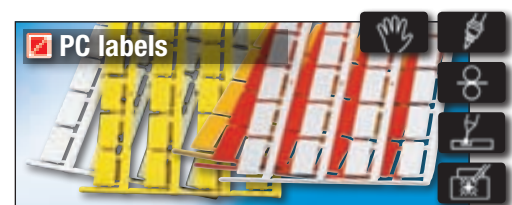


Labelling using



and office printers

KS	DM/TMG	ALM/ALU



The five labelling types for push-buttons and signal lamp labelling

BMA label holder system

Our labelling system for the latest generation of push-button and signal lamps consists of separated system and label holders.












That provides an extremely flexible system: the system holder is affixed with the device in the control cabinet, and is compatible with push-buttons and signal lamps from many manufacturers (exterior diameter of 22.5 mm and greater). A system holder is available for the US market for push-buttons and signal lamps with an exterior diameter of 30 mm.

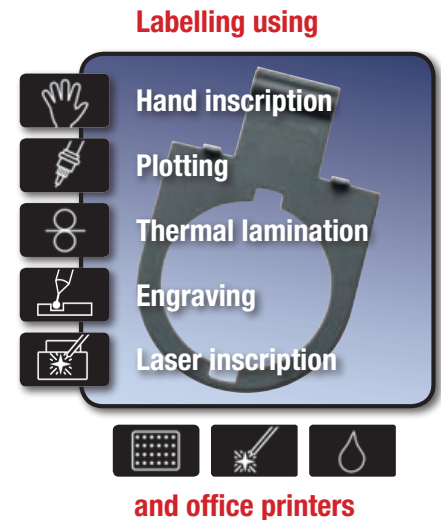
A label holder fulfilling your requirements is snapped into the system holder. The desired label plate is then inserted or clicked into the label holder. Where necessary, a transparent cover can be applied to protect the inserted labels against soiling, mechanical stresses or environmental influence.

Where necessary, a transparent cover can be applied to protect the inserted labels against soiling, mechanical stresses or environmental influence.

No tools are required to switch out of the label plate itself or the entire label holder (larger printable areas, multiple line inscription) at a later time, and this can be performed during ongoing operation without opening the control cabinet.

If at least two system holders are mounted in a row, then the BZS 9 or BZS 15 label rails can help provide labelling along the full length of the front of the control cabinet. The label rails can also be outfitted with a transparent cover to protect the label plates and inscriptions.

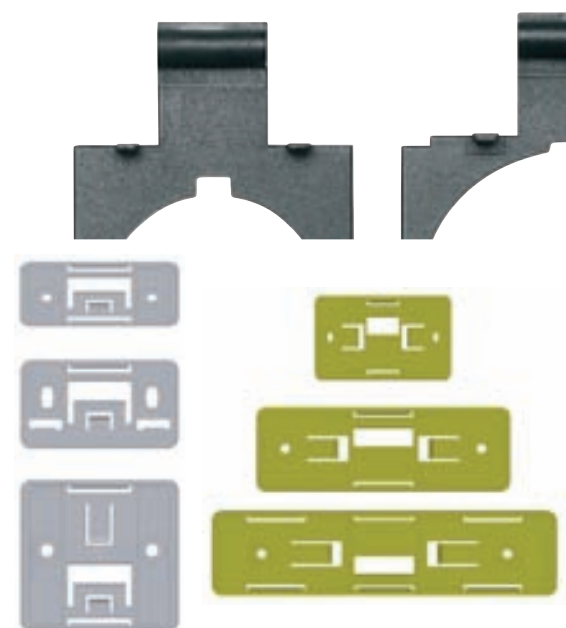
KS	DM/TMG
	
	
	
	
	
	



Compatible Murrplastik label plates:

- Polycarbonate labels such as KS
- Engraving material like Duomatt DM/TMG

**fixed-purpose
not freely positionable
assigned**





Labelling of push-buttons and signal lamps

Push-button and signal lamp labelling selection table

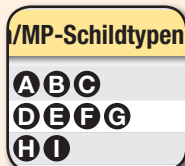
Which Murrplastik label is suitable for which device?

Allen Bradley

1492 J3
1492 J5
1492 J6

Device manufacturers and device types are organised alphabetically into tables. Look there for your device type.

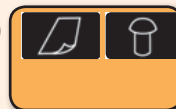
An alphabet system is used to make it easy to identify which Murrplastik labels and label holders are suitable for each individual device.



A DM 27x12,5
SI/SW R SK
2x2 mm
Seite 999

Letter symbol, precise label descriptions, numbers and diameters for bore holes, catalogue page with product/ordering information.

a)



a) upper row of symbols: mounting style for label plate or label holder (details see catalogue tuck-in flap)

b)



b) lower row of symbols: labelling technology for the label plate (details see catalogue tuck-in flap)

Explanations for Duomatt:

(DM) colour codes

features codes

WS = white
SSI = Siemens silver
SW = black
SI = silver
RT = red
GE = yellow

BL = blue
SI.Geb = brushed silver
GR = green
GO = gold
GRA = grey
AGN = green apple

R = labels with radius
2x3.0 mm = number and diameter of bore holes
HF = labels without adhesive rear (adhesive film)
SK = labels with adhesive rear (self-adhesive film)
SKS = labels with highly adhesive rear (self-adhesive film)

ABB devices/MP label types

BSH-A	A B C D E F
BSH-B	A G H
BSH-C	A B C D E F
BSH-D	A G H

Label type, mounting and inscription

A BT 22.5 Page 146			
B DM 27x8 BL/WS R SK Page 152			
C DM 27x8 GE/SW R SK Page 152			
D DM 27x8 RT/WS R SK Page 152			

Label type, mounting and inscription

E DM 27x8 WS/SW R SK Page 152			
F DM 27x8 SI/SW R SK Page 152			
G DM 27x8 SI/SW R HF Page 152			
H DM 27x8 SSI/SW R SK Page 152			

Allen Bradley devices/MP label types

800E 110	A B
800E 120	A B
800E 150	A B
800E 160	A B
800E 200	A B
800E 1PM	A B
800E 2PM	A B

Label type, mounting and inscription

800E 3PM	A B
800E 5PM	A B

Label type, mounting and inscription


A Duomatt (on request) Page 152			
B BT 22.5 Page 146			

Push-button and signal lamp labelling selection table

Möller devices/MP label types

M22S-STDD	A C D
MSSS-ST	A C D
Switch series MRQ 16	B
Key elements XA/ XB	E

Label type, mounting and inscription

A BT 22.5 Page 146	  
B DM 22x10 SI/SW R SK Page 152	  
C DM 27x18 AGN/WS SK Page 152	  

Label type, mounting and inscription

D DM 27x18 RT/WS SK Page 152	  
E DM 27x18 SSI/SW R SK Page 152	  

Siemens devices/MP label types

3SB38 01-0AA	A B E
3SB38 02-0AA	A B E
3SB38 03-0AA	A B E
3SB38 04-0AA	A B E
3SB38 06-0AA	A B E
3SB39 22-0AV	A C F
3SB39 22-0AW	A C F
3SB39 23-0AV	A D G
3SB39 25-0AX	A H
3SB39 42-0AX	A C F
3SB39 43-0AX	A D G

Label type, mounting and inscription

A BT 22.5 Page 146	  
B DM 22x22 SSI/SW R SK Page 152	  
C DM 27x12.5 SI/SW R SK 2x2 mm Page 152	  
D DM 27x27 SI/SW GEB. R SK Page 152	  

Label type, mounting and inscription

E ELW 22x22 Page 151	  
F ELW 27x12.5 Page 151	  
G ELW 27x27 Page 151	  
H ELO 28x17.5 Page 151	  













Telemechanique devices/MP label types

ZBZ 32	A B C D E F
ZBZ 33	A G H
ZBZ 34	A B C D E F
ZBZ 35	A G H
2 B 4 label holder	I

Label type, mounting and inscription

B DM 27x8 BL/WS R SK Page 152	  
C DM 27x8 GE/SW R SK Page 152	  
D DM 27x8 SI/SW R SK Page 152	  
E DM 27x8 RT/WS R SK Page 152	  

Label type, mounting and inscription

F DM 27x8 WS/SW R SK Page 152	  
G DM 27x18 AGN/WS SK Page 152	  
H DM 27x18 RT/WS SK Page 152	  
I DM 27x18 SI/SW R HF Page 152	  

A BT Harmony ZB4 Page 146	  
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Labelling of push-buttons and signal lamps

BT label holder



-40 to 80 °C



PVC

BTK: Adhesive 467



VO



Single-line and multi-line inscription

The BT and BTK label holders are used for labelling non-proprietary components and assemblies.

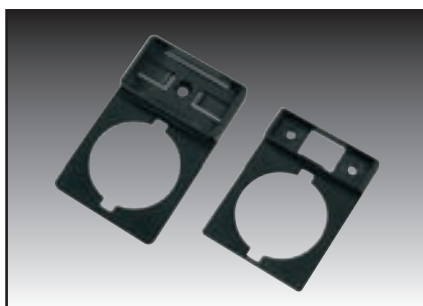
The BT and BTK holders are mounted with self-tapping screws.

Self-adhesive foil is supplied with the BTK version as an installation aid.

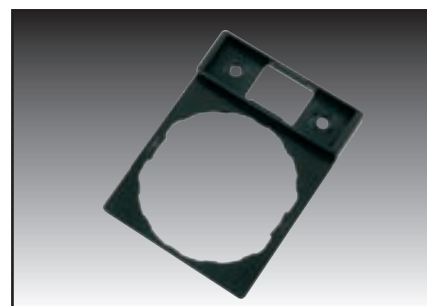
The transparent cover keeps the inserted label plates clean and free from mechanical load.



BT 15/xx / BTK 15/xx



BT 22.5 / BTK 22.5



BT Harmony ZB4

Type	Order no.	Colour	for label size (mm)	Pack qty.
Carrier				
BT 15/27	86441010	black	15x27	250
BT 15/49	86441012	black	15x49	250
BT 15/67	86441014	black	15x67	250
Holder with adhesive tape on rear				
BTK 15/27	86441210	black	15x27	250
BTK 15/49	86441212	black	15x49	250
BTK 15/67	86441214	black	15x67	250
For Ø 22.5 mm elements, label size 8x26.5 mm				
BT 22.5	86442018	black	8x26.5	480
for elements from Möller Ø approx. 28 mm, label size 8x26.5 mm				
BT Harmony ZB4	86442016	black	8x26.5	250
For Ø 22.5 mm elements, label size 15x27 mm				
with adhesive tape on reverse side				
BTK 22.5	86441016	black	15x27	250
Transparent cover				
TA 8/26.5	86441418	Transp.		480
TA 15/27	86441410	Transp.	15x27	480
TA 15/49	86441412	Transp.	15x49	240
TA 15/67	86441414	Transp.	15x67	120

BT button and label holder range

Small packaging quantities.

Range S-BTK 22.5 comprises:

48x BTK 22.5; KS 15/27; TA 15/27 and self-tapping screws.

Range S-BTK 15/27 comprises:

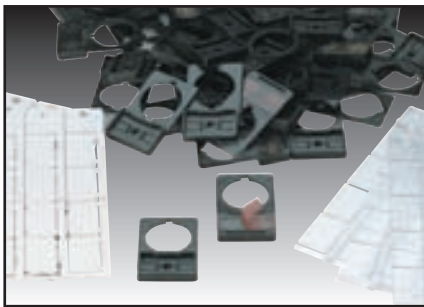
48x BT 15/27; KS 15/27; TA 25/27 and self-tapping screws.

Range S-BTK 15/49 comprises:

48x BT 15/27; KS 15/49; TA 15/49 and self-tapping screws.

Range S-BTK 15/67 comprises:

48x BT 15/67; KS 15/67; TA 15/67 and self-tapping screws.

[illegible]

BZS labelling system



-40 to 80 °C



PVC



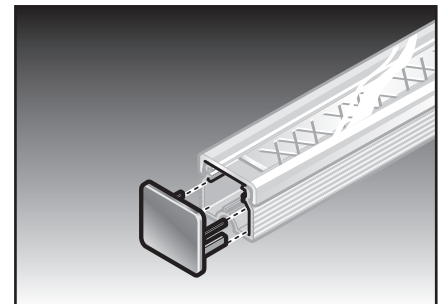
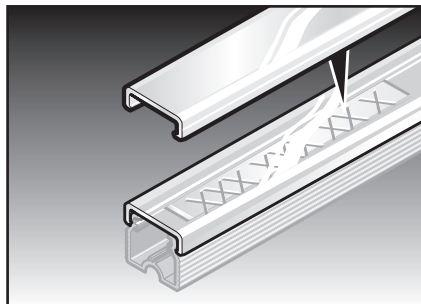
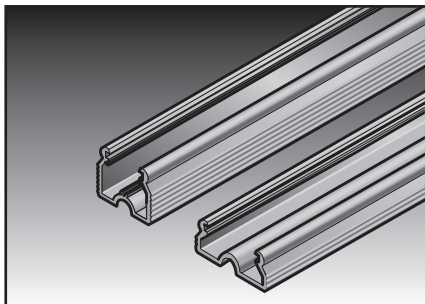
VO



Mounting rail for component location labelling

The BZS system was developed as a simple means of accommodating a great deal of labelling information in or on the control cabinet. The BZS system is extremely versatile. The labelling rail with the snap-in labels provides independent designation of all push-buttons and signal lamps. The transparent cover keeps the inserted label clean and free from mechanical load.

The end caps close the label rail off from the machine. The BZS T20 multi-function tool is available for optimum length adjustment of the label rail.



Type	Order no.	Colour	length in mm	Width in mm	For label:	Pack qty.
Label holder for mounting label plates						
Label holder BZS 9 500 mm	86301222	black	500	9	KS 9/...	25
Label holder BZS 9 600 mm	86301224	black	600	9	KS 9/...	25
Label holder BZS 9 1000 mm	86301226	black	1000	9	KS 9/...	25
Label holder BZS 9 1300 mm	86301228	black	1300	9	KS 9/...	25
Label holder BZS 15 500 mm	86301262	black	500	15	KS 15/...	25
Label holder BZS 15 600 mm	86301264	black	600	15	KS 15/...	25
Label holder BZS 15 1000 mm	86301266	black	1000	15	KS 15/...	25
Label holder BZS 15 1300 mm	86301268	black	1300	15	KS 15/...	25
Transparent cover for label holder						
Cover BZS 9 500 mm	86301242	transparent	500	9	-	25
Cover BZS 9 600 mm	86301244	transparent	600	9	-	25
Cover BZS 9 1000 mm	86301246	transparent	1000	9	-	25
Cover BZS 9 1300 mm	86301248	transparent	1300	9	-	25
Cover BZS 15 500 mm	86301282	transparent	500	15	-	25
Cover BZS 15 600 mm	86301284	transparent	600	15	-	25
Cover BZS 15 1000 mm	86301286	transparent	1000	15	-	25
Cover BZS 15 1300 mm	86301288	transparent	1300	15	-	25
End cap for label holder						
End cap BZS 9	86301219	black	-	-	-	80
End cap BZS 15	86301259	black	-	-	-	80



Engraving materials for labelling of push-buttons and signal lamps

☑ Duomatt/engraving mat

Double-layer material

Composed of a coloured surface layer and a primarily black base. Rear is coated with self-adhesive, pressure sensitive or a strongly adhesive film.

Suitable for engraving using ink or laser.

☑ Triomatt

Three-layered material

Similar to Duomatt, but with one coloured surface coat and two differently coloured bases.

Depending on the immersion depth of the graver, either the upper or lower based is revealed.

Suitable for engraving using ink or laser.

☑ Alumatt

Three-layered material

Two aluminium coats with an intermediary layer of melamine.

The dark melamine core is revealed during engraving to produce the script.

☑ Aluminium

Solid aluminium with a silver, black or other coloured anodic layer. For silver anodization the script must be inlaid after the engraving; that extra step is not necessary for other colours.

From Alumatt to double-layered material: Everything you need to know about engraving.

Engraving represents one of the most durable yet economic labelling methods.

Engraved labels last an extremely long time, are resistant to environment influences and mechanical stress. The combination of engraving and suitable media can produce long-lasting labels even in the harshest of industrial environments.

There are a variety of fastening possibilities. These range from a simple press-on action using a self-adhesive side to fastening

with cable ties or a label holder system to be screwed or riveted down.

Please visit our internet site for a convenient overview of the broad spectrum of engraving material from Murrplastik and quick search options for your labelling needs. It's quick and easy to find the right solution based on the materials, dimensions, shape, colour and fastening type. Please visit

www.murrplastik.de/acs/dm



☑ Variety of shapes

Standard shapes:

Prepunched/milled plates for use on the mat, square and round in many shapes

Universal:

Plastic and aluminium plates (300 x 200 mm) for general use

☑ Variety of options

Cornered model:

Square-edged or with radius

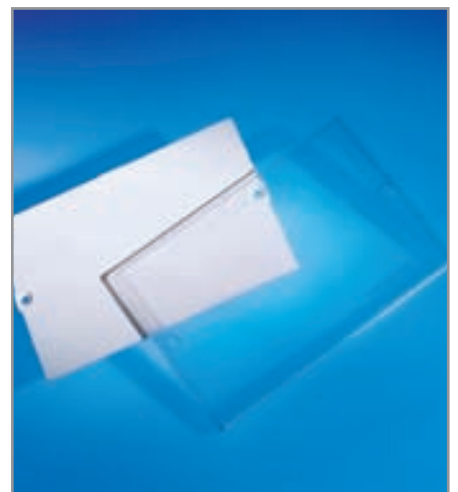
Bore holes:

in any count desired for screws or rivets

Adhesive model:

- without adhesive (HF)
- self-adhesive (SK)
- self-adhesive for rough surfaces (SSK)

System labelling





Overview



Type plate

Type plate for marking of installations, components, housings, and appliances

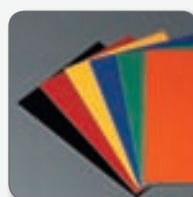
Page 155



DM label plate

Double-layer material with a coloured outer layer and mounting holes. Suitable for plotting, engraving and lasing.

Page 156



DMG label plate

Two-ply plastic material for inscribing or engraving. Specially made for use on engraving machines.

Page 156





Engraving materials for system labelling

☑ Duomatt/engraving mat

Double-layer material

Composed of a coloured surface layer and a primarily black base. Rear is coated with self-adhesive, pressure sensitive or a strongly adhesive film.

Suitable for engraving using ink or laser.

☑ Triomatt

Three-layered material

Similar to Duomatt, but with one coloured surface coat and two differently coloured bases.

Depending on the immersion depth of the graver, either the upper or lower based is revealed.

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