Marketing Bulletin 2019

New Manual Call Points Series HME

1 General

For the manufacturing of manual call points, the Labor Strauss Group has always relied on the sturdiness and robustness of an aluminium die-cast housing and is already a specialist in this field. For more than 25 years, the proven Manual Call Points Series HFM/HM have established themselves on the market, and they are highly regarded for their reliability. The many advantages and strengths have been kept in mind when the new manual call points were developed, and numerous technical innovations were added.



Above all, the Manual Call Points Series HME impress with their optically pleasing design, their high quality, the thoughtful mechanical construction and a wide variety of types. The manual call points are ideally suited for use in fire detection systems, extinguishing systems and many other devices in the field of technical building equipment.

The manual call points are available in conventional technology or in loop technology for the Labor Strauss protocol, the System Sensor protocol and the Apollo protocol. For use on the loop, the printed circuit boards are provided with a dual-isolator as standard.

For the numerous fields of application, the manual call points are available in many colours and versions, and with various labellings. As a supplement, a wide range of accessories, such as protection covers – in the colour of the manual call points – or a protection kit for increasing the protection class, is available.



The Manual Call Points Series HME are already available and replace the proven Manual Call Points Series HFM/HM.



2 Features of the Manual Call Points Series HME

Mechanical structure:

In comparison with plastic cases, the robust die-cast aluminium detector housing proves to be of advantage even after years of use, thanks to its environmental characteristics: It is virtually unbreakable and stable in colour and form.

The detector is activated according to EN 54-11 "Type B – indirect operation", by breaking the glass pane and pressing the button. Normally the activation button is latching and can be reconfigured to non-latching by removing the locking lever.

Numerous constructional details such as the self-closing lock cover protect the interior against ingress of dust or water. The protection class IP43 can be increased to IP54 by using the optional protection kit. For use under harsh environmental conditions, the manual call points are also available with protection class IP65.

The printed circuit board and the operating unit can be removed from inside the housing in next

to no time, which makes the installation clearly easier.

The door with its easily replaceable glass pane has an aperture angle of more than 180°. If the detector has been activated, the closing of the door is prevented mechanically.



Colours and labellings:

For the numerous fields of applica-

tion, the Manual Call Points Series HME are available in many different versions. The colour of the housing and the labelling of the door label are usually determined by the intended use or are predetermined by the respective standard. At the moment, the Manual Call Points Series HME are available in 9 standard colours – from traffic white to flame red to leaf green. Housings in other RAL colours are possible on request.

If necessary, the changeable door label can be produced with a labelling that can be freely chosen.

Standards and certifications:

The outward appearance and the function of many call points are determined by standards and regulations. Some standards and versions are mentioned as examples:

- The red manual call point has been certified according to EN 54-11 and bears a house symbol or a door label with a house symbol and the labelling "FEUER".
- Manual call points for gas extinguishing systems the yellow manual activation device and the blue emergency hold device have been certified according to EN 12094-3.
- Manual call points in loop technology contain a dual-isolator according to EN 54-17. The
 isolator disconnects the loop line in the event of a short circuit and allows data transmission to other loop elements.





Series HME type code 3

	HME	/	CCCC	/	EE	/	DD	/	LL	/	Α	
Name of the series –												- Additional option
Four-digit RAL colour -												- Printed logo
Electrical/mechanical version -												- Door label

HME Denotes the Manual Call Points Series HME

CCCC RAL colour of the housing (standard colours are listed, further colours on request)

- **1004** ... RAL1004 golden yellow
- **1021** ... RAL1021 rape yellow
- **2011** ... RAL2011 deep orange
- **3000** ... RAL3000 flame red
- **5015** ... RAL5015 sky blue
- **6002** ... RAL6002 leaf green
- **7035** ... RAL7035 light grey
- 9016 ... RAL9016 traffic white
- **1013** ... RAL1013 oyster white



Due to the production process and different batches, slight colour deviations from the specified RAL colour can not be ruled out.

Denotes the version of the printed circuit board and of the operating unit belonging to it

- **00** ... empty housing without printed circuit board or operating unit
- 11 ... conventional technology
- 12 ... conventional technology, one additional dry change-over contact
- 25 ... loop technology, System Sensor protocol
- **32** ... loop technology, Apollo protocol
- 72 ... loop technology, Labor Strauss protocol
- 9x ... other applications (e.g., smoke and heat exhaust)



x ... 1-9, the number of switches and LEDs on this printed circuit board may vary, depending on the requirements.

Denotes the labelling on the door label (this is not a complete list)

- H1 ... no door label, symbol (EN 54-11) printed directly on the door
- 02 ... HAUSALARM
- 17 ... HANDAUSLÖSUNG Gaslöschanlage (EN 12094-3)
- 18 ... STOPP-TASTER Gaslöschanlage (EN 12094-3)
- 19 ... NACHFLUTEN
- **40** ... NOTFALL
- 45 ... Rauchabzug
- 52 ... door label with the symbol 4 + FEUER (EN 54-11)



Some door labels have different or multilingual texts printed on the front and on the reverse, details about this as well as about other door labels are available on request.

- Denotes the logo that is printed on the operating unit
 - 00 ... neutral, without logo
 - **01** ... **MEP** logo
 - **02** ... **LST** logo
- Denotes a selectable additional option
 - N ... some printed circuit boards can optionally be provided with a change-over switch for mains voltage 230VAC
 - IP65 ... manual call points can optionally be produced with protection class IP65



It is not permissible to increase the protection class of the mains voltage version.



4 Conventional technology

The manual call points in conventional technology can be made addressable by using an optional address module. A red status LED indicates the activation condition.

Some manual call point versions are optionally available with one additional dry change-over contact or with two independent change-over contacts. If necessary, the manual call points can also be provided with change-over contacts which are capable of switching 230VAC mains voltage.

Overview of the manual call points in conventional technology:

FEUER G218045 0786-CPR-21594 HME/3000/11/H1/LL 240300 240301 244 HME/3000/11/52/LL 240310 240311 244 HME/5015/11/02/LL 240310 240311 244 HME/5015/11/02/LL 240320 240321 244 MME/5015/11/02/LL 240330 240331 244 MME/5015/11/02/LL 240330 240331 244 MME/5015/11/02/LL 240330 240331 244 MME/5015/11/17/LL 240330 240331 244 MME/5015/11/18/LL 240330 240331 244 MME/5015/11/18/LL 240330 240331 244 MME/5015/11/18/LL 240340 240341 244 MME/5015/11/18/LL 240340 240341 244 MME/5015/11/18/LL 240380 240381 244 MME/5015/11/19/LL 240380 240381 244 MME/5015/11/11/45/LL 240350 240351 244 MME/5015/11/11/11/45/LL 240350 240351 244 MME/5015/11/11/11/45/LL 240350 240351 244 MME/5015/11/11/11/45/LL 240350 240351 244 MME/5015/11/11/11/45/LL 240350 240351 244 MME/5015/11/11/11/11/11/11/11/11/11/11/11/11/1	Colour	Labelling	VdS approval	CPR	Type ¹⁾ Art. No.			
Fame red Feuer G218045 O786-CPR-21594 240300 240301 244 HME/3000/11/52/LL 240310 240310 240311 244 HME/5015/11/02/LL 240320 240321 244 HME/5015/11/02/LL 240320 240321 244 HME/5015/11/17/LL 240320 240321 244 HME/5015/11/17/LL 240330 240331 244 HME/5015/11/17/LL 240330 240331 244 HME/5015/11/17/LL 240330 240331 244 HME/5015/11/18/LL 240340 240341 244 HME/6002/11/19/LL 240380 240381 244 HME/6002/11/19/LL 240380 240381 244 HME/2011/11/45/LL 240820 HME/2011/11/45/LL 240820 HME/1013/11/40/LL 240791 PME/5015/11/45/LL 240791 PME/5015/11/45/LL 240791 PME/5015/11/45/LL 240791 PME/5015/11/45/LL 240791 PME/5015/11/45/LL 240350 240351 244 HME/3000/12/52/LL 240350 240351 244 HM		Labelling		approval		<u>MEP</u>	<u> LST</u>	
FEUER G218045 0786-CPR-21594 HME/3000/11/52/LL	flame red	o rad		0786-CPR-2159/	HME	/3000/11/H		
Sky blue	name red	[1 2]	UZ10043	0700-CI N-21334			240302	
Sky blue	flame red	₽ FFUFR	G218045	0786-CPR-21594				
RAUSALARM 240320 240321 244 240320 240321 244 240330 240321 244 240330 240331 244 240330 240331 244 240340 240341 244 240340 240341 244 240340 240341 244 240380 240381 244 240380 240381 244 240380 240381 244 240820 240820 240791 240380 240350 240351 244 240350 240351 244 240350 240351 244 240350 240351 244 240350 240351 244 240350 240351 244 240360 240361 244 240360 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240361 244 240350 240370 240371 244 240370 240371 245 240370 240371 245 240370 240371 245 2403792 240	nume rea		4210010	0,000 01 1(2100)			240312	
HANDAUSLÖSUNG Gasiöschanlage G218046 O786-CPR-21595 HME/1021/11/17/LL 240330 240321 244 240330 240331 244 240340 240341 244 HME/5015/11/18/LL 240340 240341 244 HME/6002/11/19/LL 240380 240381 244 HME/2011/11/45/LL 240380 240381 244 HME/2011/11/45/LL 240880 240381 244 HME/2011/11/45/LL 240791 MME/1013/11/40/LL 240791 MME/1013/11/40/LL 240791 MME/1013/11/40/LL 240791 MME/1013/11/40/LL 240380 240381 244 MME/1013/11/40/LL 240791 MME/1013/11/40/LL 240791 MME/1013/11/40/LL 240791 MME/1013/11/40/LL 240350 240351 244 MME/1013/12/40/LL 240350 240361 244 MME/1013/12/40/LL 240358 MME/1013/12/40/LL 240370 240371 244 MME/1013/12/40/LL 240370 240371 244 MME/1013/12/40/LL 240792 MME/1013/12/40/LD	sky blue	HAUSALARM						
Sty blue STOPP-TASTER Gaslöschanlage G218047 O786-CPR-21596	,						240322	
Sty blue STOPP-TASTER Gaslöschanlage HME/5015/11/18/LL	rape vellow		G218046	0786-CPR-21595	HME/1021/11/17/LL			
Rauchabzug HME/2011/11/45/LL 240820 HME/1013/11/40/LL 240791 Rauchabzug Rauchabzug HME/1013/11/40/LL 240791 Rauchabzug Rauchabzug Rauchabzug HME/1013/11/40/LL 240791 Rauchabzug HME/3000/12/H1/LL 240350 240351 240351 240350 240351 240350 240351 240360 240351 240360 240361 240360 240361 240360 240358 Rauchabzug Rauchabzug Rauchabzug HME/3000/12/52/LL 240358 Rauchabzug Rauchabzug HME/3000/12/01/LL 240358 Rauchabzug Rauchabzug Rauchabzug HME/3000/12/01/LL 240358 Rauchabzug Rauchabzug Rauchabzug Rauchabzug HME/3000/12/01/LL 240358 Rauchabzug Raucha	. upo yonon	Gaslöschanlage		0,000.11.22000			240332	
Gasloschanlage	sky blue		G218047	0786-CPR-21596				
Rauchabzug	0.0, 0.00	Gaslöschanlage		0,000			240342	
Rauchabzug Rau	leaf green	NACHELLITEN	G218047		HME		9/LL	
NOTFALL 140	icai giccii	TV/OTILEOTEIV	GZ100+7				240382	
NOTFALL HME/1013/11/40/LL	doop orango	Pauchahaud			HME/2011/11/45/LL			
Versions with additional dry change-over contact HME/3000/12/H1/LL 240350 240351 24000 240351 24000 240360 240361 24000 240360 240361 24000 240360 240361 24000 240360 240370	deep orange	Nauchabzug			240820			
Versions with additional dry change-over contact HME/3000/12/H1/LL	ovetor white	NOTEALL						
FEUER G218045 0786-CPR-21594 HME/3000/12/H1/LL 240350 240351 240350 240351 240350 240351 240350 240351 240350 240361 240360 240361 240360 240361 240358	Oyster write	NOTIALL						
Section Fame Fame		Versions	s with additional d	ry change-over co	ntact			
Sky blue HAUSALARM HME/3000/12/20/LL	flome red	D/A	C219045	0796 CDD 21504	HME/3000/12/H1/LL		1/LL	
FEUERWEHR G218045 0786-CPR-21594 240360 240361 240360 240361 240368 HME/3000/12/01/LL 240358 HME/5015/12/02/LL 240370 240371 240370 240371 240370 240371 2403792 HME/1013/12/40/LL 240792 Wersions with additional dry change-over contact for mains voltage 230VAC ALLE STEUERUNGEN	liaille reu	14	G210040	0700-CFR-21394	240350	240351	240352	
Sky blue HAUSALARM HME/5015/12/02/LL 240370 240371 240370 240371 240370 240371 240370 240371 2403792	flome red	₽¥ EELIED	C21904E	0796 CDD 21504	HME/3000/12/52/LL			
Sky blue HAUSALARM 240358 HME/5015/12/02/LL 240370 240371 24000 240371 24000 240371 24000 240792 240792 240792 240792 240792 240792 240792 240792 240792 240792	liaille reu	Let FEUER	G210040	0700-CFR-21394	240360			
Sky blue	flames used 2)	FELIEDWELID.			HME/3000/12/01/LL			
sky blue HAUSALARM 240370 240371 24 oyster white NOTFALL HME/1013/12/40/LL 240792 Versions with additional dry change-over contact for mains voltage 230VAC ALLE STEUERUNGEN AUSLÖSEN HME/6002/12/29/LL/N HME/6002/12/29/LL/N	name red 27	FEUERWERK			240358			
240370 240371 241 Oyster white NOTFALL HME/1013/12/40/LL Versions with additional dry change-over contact for mains voltage 230VAC ALLE STEUERUNGEN AUSLÖSEN HME/6002/12/29/LL/N		LIALIOAL ADM			HME	/5015/12/0	2/LL	
Versions with additional dry change-over contact for mains voltage 230VAC ALLE STEUERUNGEN AUSLÖSEN AUSLTUC AUSTRUC	sky blue	HAUSALARM			240370	240371	240372	
Versions with additional dry change-over contact for mains voltage 230VAC ALLE STEUERUNGEN AUSLÖSEN HME/6002/12/29/LL/N		NOTEALL						
ALLE STEUERUNGEN AUSLÖSEN HME/6002/12/29/LL/N	oyster white	NOTFALL						
ALLE STEUERUNGEN AUSLÖSEN HME/6002/12/29/LL/N		Versions with addition	nal dry change-ov	er contact for main	s voltage 2	30VAC	1	
			-		HME/6002/12/29/LL/N			
BRANDFALLSTEUERUNG 240679	leaf green 2)	AUFZUG BRANDFALLSTEUERUNG			240679			
Versions with two independent dry change-over contacts		Versions wit	h two independer	t dry change-over	contacts	•		
golden yel- BRANDFALLSTEUERUNG HME/1004/92/33/LL	golden vel-	BRANDFALLSTEUERUNG						
low ³⁾ AUFZUG 240755					240755			
HME/1013/92/40/LL	1. 1.2	NOTEALL			HME	/1013/92/4	0/LL	
oyster white NOTFALL 240800	oyster white	NO I FALL			240800			

 $^{^{1)}}$ LL = logo: 00...without logo, 01...MEP logo, 02...LST logo





²⁾ Version for Austria

³⁾ Version for Germany

5 Loop technology

For the bi-directional digital communication via the ring-shaped loop line, either the Labor Strauss protocol, the System Sensor protocol or the Apollo protocol is used, depending on the parameter setup of the fire detection control panel. In the event of a short circuit on the loop line, the dual-isolator that is built in as standard quickly disconnects the detector from the loop. The multicoloured status LED optically indicates the activation condition and other operating conditions.

5.1 Loop technology with Labor Strauss protocol

The detector address is programmed in the range 1 to 240 using the Programming Unit FI750/PU (Art. No. 249275).

Overview of the manual call points with Labor Strauss protocol:

Colour	Labelling	VdS approval	CPR	Type ¹⁾ Art. No.			
	Labelling		approval	without logo	<u>MEP</u>	<u>LST</u>	
flame red		G218059	0786-CPR-21603	HME/3000/72/H1/LL			
name red		d210033	0/80-CPR-21603	240500	240501	240502	
flame red	FEUER	G218059	0786-CPR-21603	HME/3000/72/52/LL			
name rea	Tork	G218039	0780-CFR-21003	240510	240511	240512	
flame red ²⁾	EVAKUIERUNGSALARM			HME/3000/72/28/LL			
name reu	EVAROIENONGOALARIN					240508	
sky blue	HAUSALARM			HME/5015/7		2/02/LL	
Sky blue	TIAOSALARIVI			240520	240521	240522	
rape yellow	HANDAUSLÖSUNG	G218060	0786-CPR-21604	HME/1021/72/17/LL			
rape yellow	Gaslöschanlage	G210000	0780-CI N-21004	240530	240531	240532	
sky blue	STOPP-TASTER Gaslöschanlage	G218061	0786-CPR-21605	HME/5015/72/18/LL			
Sky blue				240540	240541	240542	
leaf green	NACHFLUTEN	G218061		HME/6002/72/19/LL			
lear green	NACHI LUTLIN	G218001		240580	240581	240582	
leaf green 2)	ALLE STEUERUNGEN AUSLÖSEN			HME/6002/72/29/LL		9/LL	
leal green 27	AUFZUG BRANDFALLSTEUERUNG					240799	
oyster white	NOTFALL			HME	/1013/72/4	0/LL	
Oyster Willte	NOTFALL			240795			

LL = logo: 00...without logo, 01...MEP logo, 02...LST logo





Version for Austria

5.2 Loop technology with System Sensor protocol

The detector address is programmed in the range 1 to 159 using a micro button on the printed circuit board in combination with the LED.

Overview of the manual call points with System Sensor protocol:

Colour	Labelling	VdS	CPR	Type ¹⁾ Art. No.			
	Labelling	approval	approval	without logo	<u>MEP</u>	<u>LST</u>	
flame red	pyl.	G218053	0786-CPR-21597	HME	HME/3000/25/H1/LL		
name reu	1 0	G218055	0780-CFR-21597	240400	240401	240402	
flame red	FEUER	G218053	0786-CPR-21597	HME/3000/25/52/LL		2/LL	
name reu	Legi I LOLK	G218055	0780-CFR-21597	240410	240411	240412	
flame red ²⁾	EVAKUIERUNGSALARM			HME	/3000/25/2	8/LL	
name reu -	LVANOILNOINGSALANIVI					240418	
sky blue	HAUSALARM			HME/5015/25/02/LL			
Sky blue	HAUSALARIVI			240420	240421	240422	
rong vollow	HANDAUSLÖSUNG	G218054	0786-CPR-21598	HME/1021/25/17/LL		7/LL	
rape yellow	Gaslöschanlage	G210004	0700-CFR-21390	240430	240431	240432	
olar bluo	STOPP-TASTER	G218055	0786-CPR-21599	HME/5015/25/18/LL		8/LL	
sky blue	Gaslöschanlage	G216055	0700-CFR-21599	240440 240441 2404		240442	
leaf green	NACHFLUTEN	G218055		HME/6002/25/19/LL		9/LL	
leal green	INACHELUTEN	G216055		240480	240481	240482	
lasf sugar 2)	ALLE STEUERUNGEN AUSLÖSEN			HME/6002/25/29/LL		9/LL	
leaf green 2)	AUFZUG BRANDFALLSTEUERUNG					240495	
deep	Doughahaug			HME/2011/25/45/LL		5/LL	
orange	Rauchabzug					240821	
oyster white	NOTFALL			HME	/1013/25/4	0/LL	
oyster willte	NUTFALL			240793			

LL = logo: 00...without logo, 01...MEP logo, 02...LST logo





²⁾ Version for Austria

5.3 Loop technology with Apollo protocol

The detector address is programmed in the range 1 to 126 using a micro button on the printed circuit board in combination with the LED.

Overview of the manual call points with Apollo protocol:

Colour	Labelling	VdS	CPR	Type ¹⁾ Art. No.			
	Labelling	approval	approval	without logo	<u>MEP</u>	<u>LST</u>	
flame red	pyl.	G218056	0786-CPR-21600	HME/3000/32/H1/LL			
name reu	1 0		0780-CFR-21000	240600	240601	240602	
flame red	FEUER	G218056	0786-CPR-21600	HME/3000/32/52/LL		2/LL	
name reu	Let Feder	G210000	0760-CFR-21000	240610	240611	240612	
sky blue	HAUSALARM			HME/5015/32/02/LL			
Sky blue	HAUSALARIVI			240620	240621	240622	
rape yellow	HANDAUSLÖSUNG Gaslöschanlage	G218057	0786-CPR-21601	HME/1021/32/17/LL			
				240630	240631	240632	
sky blue	STOPP-TASTER	G218058	0786-CPR-21602	HME/5015/32/18/LL			
Sky blue	Gaslöschanlage	G218038	0780-CFR-21002	240640	240641	240642	
leaf green	NACHFLUTEN	G218058		HME/6002/32/19/LL		9/LL	
lear green	INACHELUTEIN	G210000		240680	240681	240682	
leaf green 2)	ALLE STEUERUNGEN AUSLÖSEN			HME/6002/32/29/L		9/LL	
leal greenz	AUFZUG BRANDFALLSTEUERUNG					240690	
oyster white	NOTFALL			HME/1013/32/40/LL		0/LL	
Oyster willte	NOTI ALL			240794			

LL = logo: 00...without logo, 01...MEP logo, 02...LST logo

6 **Accessories**

Overview of the accessories for the Manual Call Points Series HME:

Colour	Art. No.	Name	Туре
_	249680	Replacement Glass for HFM SU=10 Pieces	SCHEIBE-HM/10
_	249681	Key for Manual Call Point SU=10	SCHL-HM/10
_	249682	Key for Manual Call Point SU=100	SCHL-HM/100
flame red	249633	Protective Cover V2A for MCP/Red	WG/ROT-E-1
sky blue	249634	Protective Cover V2A for MCP/Blue	WG/BLAU-E-1
rape yellow	249636	Protective Cover V2A for MCP/Yellow	WG/GELB-E-1
leaf green	249694	Protective Cover V2A for MCP/Green	WG/GRÜN-E-1
light grey	249695	Protective Cover V2A for MCP/Grey	WG/GRAU-E-1
deep orange	249691	Protective Cover V2A for MCP/Orange	WG/ORANGE-E-1
traffic white	249696	Protective Cover V2A for MCP/White	WG/WEISS-E-1
_	249721	Protection Cover HME/HFM	E-COVER/OAL/WS
	268017	Cover Frame for HME	BR-HME
_	249675	Special Designation HME/Sheet-10pcs.	HME-BESCH-BOG
_	249670	Protection Kit IP54 for MCP	HME-ZS-IP54





Version for Austria

6.1 Replacement glass panes and keys

Replacement glass panes are available in packages of 10. Keys for the door of the housing are available in packages of 10 or 100.

6.2 Protective covers

The protective cover is the same as the one used for the Manual Call Points Series HFM/HM. The arrangement of the mounting holes is also identical with the one used for the Series HFM/HM, which makes it easier to replace an old manual call point.



The protective cover that is made of painted stainless steel V2A is available in several colours that match the manual call points. It protects the manual call point against dripping water and in addition against mechanical damage.

The protection cover is made of clear plastic and offers protection against mechanical damage.

6.3 Cover frame

The cover frame allows custom-fit integration of a Manual Call Point Series HME in the front of a fire brigade orientation panel or a wall-mounted fire hydrant.



6.4 Special labelling

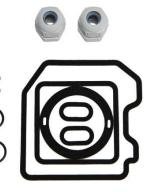
For the application-specific labelling of Manual Call Points Series HME, a text that can be freely chosen can be printed on sheets with 10 labels each.

6.5 Protection classes IP54 and IP65

The standard versions of the Manual Call Points Series HME have protection class IP43. The Protection Kit HME-ZS-IP54 allows you to increase the protection class of the manual call points to IP54 in next to no time.

For use under harsh environmental conditions, the manual call points are also available with protection class IP65.

Below the most important manual call point types with protection class IP65 are listed together with their article numbers. Other versions are also available with protection class IP65 on request.







Colour	Labelling	VdS	CPR	Type ¹⁾ Art. No.					
Colour	Lancillig	approval	approval	without logo	<u>MEP</u>	<u>LST</u>			
Conventional technology with additional dry change-over contact									
a		0010045	0706 000 01 504	HME/3000/12/52/LL/IP65					
flame red	FEUER	G218045	0786-CPR-21594	240100	240104	240108			
ala chiua	LIALICAL ADM			HME/50	015/12/02/1	L/IP65			
sky blue	HAUSALARM			240102	240106	240160			
	HANDAUSLÖSUNG	0010046	0706 000 01 505	HME/10	021/12/17/1	LL/IP65			
rape yellow	Gaslöschanlage	G218046	0786-CPR-21595	240101	240105	240109			
	STOPP-TASTER	0010047	0706 000 01506	HME/50	015/12/18/1	LL/IP65			
sky blue	Gaslöschanlage	G218047	0786-CPR-21596	240103	240107	240161			
	Loop	technology with La	abor Strauss proto	col					
	r₩			HME/3000/72/52/LL/IP65					
flame red	FEUER FEUER	G218059	0786-CPR-21603			240164			
				HME/5015/72/02		_L/IP65			
sky blue	HAUSALARM			240121	240123	240165			
Loop technology with System Sensor protocol									
_	M. seusa	0010050	0706 000 01507	HME/3000/25/52/LL/IP65					
flame red	FEUER FEUER	G218053	0786-CPR-21597	240110	240114	240118			
				HME/5015/25/02/LL/IP65		L/IP65			
sky blue	HAUSALARM					240162			
	HANDAUSLÖSUNG			HME/1021/25/17/LL/IP65		LL/IP65			
rape yellow	Gaslöschanlage	G218054	0786-CPR-21598	240111	240115	240119			
	STOPP-TASTER			HME/50	 015/25/18/I	LL/IP65			
sky blue	Gaslöschanlage	G218055	0786-CPR-21599			240163			
	Lo	oop technology wit	th Apollo protocol						
	HME/3000/32/52/LL/I					L/IP65			
flame red	FEUER FEUER	G218056	0786-CPR-21600	240130	240134	240138			
				HME/5015/32/02/LL/					
sky blue	/ blue HAUSALARM		240132	240136	240166				
	HANIDALISI ÖSLINIC				021/32/17/1				
rape yellow	HANDAUSLÖSUNG Gaslöschanlage	G218057	0786-CPR-21601	240131	240135	240139			
	CTODD TACTED								
sky blue		G218058	0786-CPR-21602						
sky blue	STOPP-TASTER Gaslöschanlage	G218058	0786-CPR-21602	HME/50 240133	015/32/18/I 240137	LL/IP65 240167			

LL = logo: 00...without logo, 01...MEP logo, 02...LST logo

We will gladly provide further information.



