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CONTROL SECTION 7

Pilot devices



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This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Modular plastic range



Non-illuminated pushbuttons

Color	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
Momentary flush pushbutton					
● Red	Black plastic	MP1-10R	1SFA611100R1001	10	0.016
	Chrome plastic	MP1-20R	1SFA611100R2001	10	0.016
	Chrome metal	MP1-30R	1SFA611100R3001	10	0.026
● Green	Black plastic	MP1-10G	1SFA611100R1002	10	0.016
	Chrome plastic	MP1-20G	1SFA611100R2002	10	0.016
	Chrome metal	MP1-30G	1SFA611100R3002	10	0.026
● Yellow	Black plastic	MP1-10Y	1SFA611100R1003	10	0.016
● Blue	Black plastic	MP1-10L	1SFA611100R1004	10	0.016
○ White	Black plastic	MP1-10W	1SFA611100R1005	10	0.016
● Black	Black plastic	MP1-10B	1SFA611100R1006	10	0.016
	Chrome plastic	MP1-20B	1SFA611100R2006	10	0.016
	Chrome metal	MP1-30B	1SFA611100R3006	10	0.026
○ Clear	Black plastic	MP1-10C	1SFA611100R1008	10	0.016
Maintained flush pushbutton					
● Red	Black plastic	MP2-10R	1SFA611101R1001	10	0.016
Momentary extended pushbutton					
● Red	Black plastic	MP3-10R	1SFA611102R1001	10	0.016
● Green	Black plastic	MP3-10G	1SFA611102R1002	10	0.016
● Black	Black plastic	MP3-10B	1SFA611102R1006	10	0.016
○ Clear	Black plastic	MP3-10C	1SFA611102R1008	10	0.016



Illuminated pushbuttons

Color	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
Momentary flush pushbutton					
● Red	Black plastic	MP1-11R	1SFA611100R1101	10	0.016
	Chrome plastic	MP1-21R	1SFA611100R2101	10	0.016
	Chrome metal	MP1-31R	1SFA611100R3101	10	0.026
● Green	Black plastic	MP1-11G	1SFA611100R1102	10	0.016
	Chrome plastic	MP1-21G	1SFA611100R2102	10	0.016
	Chrome metal	MP1-31G	1SFA611100R3102	10	0.026
● Yellow	Black plastic	MP1-11Y	1SFA611100R1103	10	0.016
● Blue	Black plastic	MP1-11L	1SFA611100R1104	10	0.016
○ White	Black plastic	MP1-11W	1SFA611100R1105	10	0.016
○ Clear	Black plastic	MP1-11C	1SFA611100R1108	10	0.016
Maintained flush pushbutton					
● Red	Black plastic	MP2-11R	1SFA611101R1101	10	0.016
● Green	Black plastic	MP2-11G	1SFA611101R1102	10	0.016
Momentary extended pushbutton					
● Red	Black plastic	MP3-11R	1SFA611102R1101	10	0.016
● Green	Black plastic	MP3-11G	1SFA611102R1102	10	0.016
○ White	Black plastic	MP3-11W	1SFA611102R1105	10	0.016

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Modular plastic range



MPD1-11B

Non-illuminated double pushbuttons

Upper button	Lower button	Type	Order code	Pkg qty	Weight (1 pce) kg
Flush pushbutton					
● Green	● Red				
No text	No text	MPD1-11B	1SFA611130R1106	10	0.025
I	O	MPD2-11B	1SFA611131R1106	10	0.025
Extended lower pushbutton					
● Green	● Red				
I	O	MPD13-11B	1SFA611142R1106	10	0.025
START	STOP	MPD15-11B	1SFA611144R1106	10	0.025



MPD13-11G



MPD1-11R

Illuminated double pushbuttons

Upper button	Lower button	Indicator light	Type	Order code	Pkg qty	Weight (1 pce) kg
Flush lower pushbutton						
● Green	● Red					
No text	No text	● Red	MPD1-11R	1SFA611130R1101	10	0.025
I	O	● Green	MPD2-11G	1SFA611131R1102	10	0.025
I	O	● Yellow	MPD2-11Y	1SFA611131R1103	10	0.025
No text	No text	○ Clear	MPD1-11C	1SFA611130R1108	10	0.025
I	O	○ Clear	MPD2-11C	1SFA611131R1108	10	0.025
Extended lower pushbuttons						
● Green	● Red					
I	O	● Green	MPD13-11G	1SFA611142R1102	10	0.025
START	STOP	○ Clear	MPD15-11C	1SFA611144R1108	10	0.025



KP6-40R



KP6-40G



KP6-40B

Heavy duty pushbuttons for 30 mm mounting hole

Color	Type	Order code	Pkg qty	Weight (1 pce) kg
● Red	KP6-40R	1SFA616105R4001	1	0.028
● Green	KP6-40G	1SFA616105R4002	1	0.028
● Black	KP6-40B	1SFA616105R4006	1	0.028

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Modular plastic range



MPM1-10B

Non-illuminated mushroom pushbuttons momentary

Color	Type	Order code	Pkg qty	Weight (1 pce) kg
Ø 40 mm				
● Red	MPM1-10R	1SFA611124R1001	10	0.018
● Black	MPM1-10B	1SFA611124R1006	10	0.018



KPR3-104B

Flush reset pushbuttons with shaft (flexible joint not included)

Color	Text	Type	Order code	Pkg qty	Weight (1 pce) kg
Flush reset pushbutton					
● Black	No text	KPR3-100B	1SFA616162R1006	10	0.027
	RESET	KPR3-104B	1SFA616162R1046	10	0.027
● Blue	R	KPR3-101L	1SFA616162R1014	10	0.027
○ White	R	KPR3-101W	1SFA616162R1015	10	0.027

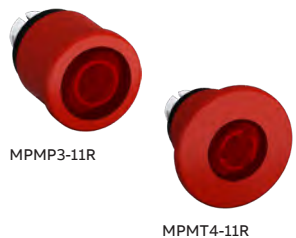
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Modular plastic range



Non illuminated emergency stop pushbuttons

Color	Release method	Type	Order code	Pkg qty	Weight (1 pce) kg
Ø 30 mm					
● Red	Twist release	MPET3-10R	1SFA611520R1001	1	0.036
Ø 40 mm					
● Red	Twist release	MPET4-10R	1SFA611523R1001	1	0.036
● Red	Pull release	MPEP4-10R	1SFA611524R1001	1	0.036
● Red	Key code 455	MPEK4-11R	1SFA611525R1101	1	0.065
Ø 60 mm					
● Red	Twist release	MPMT4-10R	1SFA611513R1001	1	0.048



Illuminated emergency stop pushbuttons

Color	Release method	Type	Order code	Pkg qty	Weight (1 pce) kg
Ø 40 mm					
● Red	Twist release	MPMT3-11R	1SFA611510R1101	1	0.041
Ø 60 mm					
● Red	Twist release	MPMT4-11R	1SFA611513R1101	1	0.048



Pilot lights

Color	Type	Order code	Pkg qty	Weight (1 pce) kg
● Red	ML1-100R	1SFA611400R1001	10	0.018
● Green	ML1-100G	1SFA611400R1002	10	0.018
● Yellow	ML1-100Y	1SFA611400R1003	10	0.018
● Blue	ML1-100L	1SFA611400R1004	10	0.018
○ White	ML1-100W	1SFA611400R1005	10	0.018
○ Clear	ML1-100C	1SFA611400R1008	10	0.018

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Modular plastic range



M2SS1-10B



M2SS4-10B



M2SS1-11G

Non-illuminated selector switches

Operating principle	Color	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
2-position - Short handle						
	● Black	Black plastic	M2SS1-10B	1SFA611200R1006	10	0.015
	● Black	Black plastic	M2SS2-10B	1SFA611201R1006	10	0.015
		Chrome plastic	M2SS2-20B	1SFA611201R2006	10	0.015
		Chrome metal	M2SS2-30B	1SFA611201R3006	10	0.024
3-position - Short handle						
	● Black	Black plastic	M3SS1-10B	1SFA611210R1006	10	0.015
		Chrome plastic	M3SS1-20B	1SFA611210R2006	10	0.015
		Chrome metal	M3SS1-30B	1SFA611210R3006	10	0.024
	● Black	Black plastic	M3SS2-10B	1SFA611211R1006	10	0.015
	● Black	Black plastic	M3SS3-10B	1SFA611212R1006	10	0.015
	● Black	Black plastic	M3SS7-10B	1SFA611216R1006	10	0.015
2-position - Long handle						
	● Black	Black plastic	M2SS4-10B	1SFA611203R1006	10	0.018
	● Black	Black plastic	M2SS5-10B	1SFA611204R1006	10	0.018
3-position - Long handle						
	● Black	Black plastic	M3SS4-10B	1SFA611213R1006	10	0.018

Illuminated selector switches

Operating principle	Color	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
2-position - Short handle						
	● Green	Black plastic	M2SS1-11G	1SFA611200R1102	10	0.015
	● Green	Black plastic	M2SS2-11G	1SFA611201R1102	10	0.015
3-position - Long handle						
	● Green	Black plastic	M3SS1-11G	1SFA611210R1102	10	0.018


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Modular plastic range



M2SSK1-101

Key-operated selector switches

Operating principle	Key	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
2-position maintained						
 Key can be removed in both positions	Key code 455	Black plastic	M2SSK1-101	1SFA611280R1001	1	0.045
 Key can be removed in B position only	Key code 455	Black plastic	M2SSK2-101	1SFA611281R1001	1	0.045
2-position momentary						
 Key can be removed in position B only	Key code 455	Black plastic	M2SSK3-101	1SFA611282R1001	1	0.045
3-position maintained						
 Key can be removed in all positions	Key code 455	Black plastic	M3SSK1-101	1SFA611283R1001	1	0.045
3-position momentary						
 Key can be removed in position B only	Key code 455	Black plastic	M3SSK3-101	1SFA611285R1001	1	0.045

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Modular plastic range



MT-105B

Potentiometers

Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
Knob with resistor 5 kΩ				
Black plastic	MT-105B	1SFA611410R1056	1	0.040
Chrome metal	MT-305B	1SFA611410R3056	1	0.049
Knob with resistor 10 kΩ				
Black plastic	MT-110B	1SFA611410R1106	1	0.040
Chrome metal	MT-310B	1SFA611410R3106	1	0.048



MTS2-10B

Toggle switches

Operating principle	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
2-position maintained					
	Black plastic	MTS1-10B	1SFA611300R1006	10	0.014
3-position momentary					
	Black plastic	MTS2-10B	1SFA611301R1006	10	0.014



MJS2-60B

Joysticks IP67 and IP69K

Position	Bezel	Type	Order code	Pkg qty	Weight (1 pce) kg
Without latching function					
2-position momentary					
	Chrome metal	MJS2-60B	1SFA611702R6006	1	0.052
4-position momentary					
	Chrome metal	MJS6-60B	1SFA611706R6006	1	0.052

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Modular plastic range



MCBH-00



MCBH5-00



MCB-10



MCB-02



MCBL-01

Holders

Description	Contacts 	Type	Order code	Pkg qty	Weight (1 pce) kg
3-position	--	MCBH-00	1SFA611605R1100	10	0.006
5-position ¹	--	MCBH5-00	1SFA611601R1100	10	0.008

¹Double contact blocks are required on side positions.

Contact blocks

Description	Contacts 	Type	Order code	Pkg qty	Weight (1 pce) kg
Single contact blocks for front mounting					
For 3 & 5-position holder	1 0	MCB-10	1SFA611610R1001	10	0.013
	0 1	MCB-01	1SFA611610R1010	10	0.013
Single contact blocks, gold plated contacts					
For 3 & 5-position holder	1 0	MCB-10G	1SFA611610R1101	10	0.013
	0 1	MCB-01G	1SFA611610R1110	10	0.013
Double contacts blocks for front mounting					
For 3 & 5-position holder	2 0	MCB-20	1SFA611610R1002	10	0.026
	0 2	MCB-02	1SFA611610R1020	10	0.026
Single contact blocks for back mounting in enclosures					
For 3 & 5-position holder	1 0	MCB-10B	1SFA611610R2001	10	0.013
	0 1	MCB-01B	1SFA611610R2010	10	0.013

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Modular plastic range



MLBL-00W

LED blocks for front mounting

Color	Rated current mA	Wavelength nm	Luminance mcd	Type	Order code	Pkg qty	Weight (1pce) kg
Rated voltage 24 V AC/DC							
● Red	10.0	620	250	MLBL-01R	1SFA611621R1011	10	0.012
● Green	10.0	520	1500	MLBL-01G	1SFA611621R1012	10	0.012
● Yellow	10.0	588	250	MLBL-01Y	1SFA611621R1013	10	0.012
● Blue	10.0	468	450	MLBL-01L	1SFA611621R1014	10	0.012
○ White	10.0	¹	600	MLBL-01W	1SFA611621R1015	10	0.012
Rated voltage 110-130 V AC							
● Red	10.0	620	200	MLBL-04R	1SFA611621R1041	10	0.012
● Green	10.0	520	1200	MLBL-04G	1SFA611621R1042	10	0.012
● Yellow	10.0	588	250	MLBL-04Y	1SFA611621R1043	10	0.012
○ White	10.0	¹	500	MLBL-04W	1SFA611621R1045	10	0.012
Rated voltage 110-130 V DC							
● Red	10.0	620	250	MLBL-05R	1SFA611621R1051	10	0.012
● Green	10.0	520	1500	MLBL-05G	1SFA611621R1052	10	0.012
● Yellow	10.0	588	300	MLBL-05Y	1SFA611621R1053	10	0.012
○ White	10.0	¹	600	MLBL-05W	1SFA611621R1055	10	0.012
Rated voltage 230 V AC							
● Red	10.0	620	250	MLBL-07R	1SFA611621R1071	10	0.012
● Green	10.0	520	1500	MLBL-07G	1SFA611621R1072	10	0.012
● Yellow	10.0	588	300	MLBL-07Y	1SFA611621R1073	10	0.012
● Blue	10.0	468	450	MLBL-07L	1SFA611621R1074	10	0.012
○ White	10.0	¹	600	MLBL-07W	1SFA611621R1075	10	0.012

Note: care should be taken for DC supply where + and - must be correctly connected. This is marked X1 (+) and X2 (-) on the product.

¹X=0.31, Y=0.32 according to the ICI Chromaticity diagram.

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Modular plastic range



Accessories

Description	Bezel / color	Type	Order code	Pkg qty	Weight (1pce) kg
30 mm adaptors for 22 mm operator (1.5 - 4 mm panel thickness)					
For pushbuttons, selector switches, pilot lights, potentiometers, emergency stop pushbuttons, MPE	Black plastic	KA1-8029	1SFA616920R8029	1	0.010
	Chrome metal	KA1-8030	1SFA616920R8030	1	0.010
Mounting tools					
Mounting tool for tightening the locking nut		MA1-8015	1SFA611920R8015	1	0.021
Protective ring					
To prevent accidental operation. Cannot be used together with Legend plate holder					
Flush pushbuttons	Metal and black plastic	KA1-8010	1SFA616920R8010	10	0.008
Shroud with anti rotation tabs, slot for pad-lock and with water drainage					
Emergency stop, machine stop 40 mm	● Yellow	MA1-8053	1SFA611920R8053	10	0.020

Note: Din-rail adaptor should be used with 2 contact blocks for rear mounting type MCB..B.



Plastic enclosures

Empty plastic enclosures with stainless steel screws for modular and compact range

Description	Color	Holes for cable gland	Type	Order code	Pkg qty	Weight (1 pce) kg
1-seat	Dark grey / light grey	M20 and Pg 13.5/Pg16 and (M20)	MEP1-0	1SFA611811R1000	1	0.15
1-seat	Yellow / light grey	M20 and Pg 13.5/Pg16 and (M20)	MEPY1-0	1SFA611821R1000	1	0.15
2-seat	Dark grey / light grey	M20 and Pg 13.5/Pg16 and (M20)	MEP2-0	1SFA611812R1000	1	0.17
3-seat	Dark grey / light grey	M20 and Pg 13.5/Pg16 and (M20)	MEP3-0	1SFA611813R1000	1	0.20
4-seat	Dark grey / light grey	M25/Pg 16 and (M20)	MEP4-0	1SFA611814R1000	1	0.23
6-seat	Dark grey / light grey	M25/Pg 16 and (M20)	MEP6-0	1SFA611816R1000	1	0.30

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Compact range



CP1-10R-10



CP1-30G-10



CP1-10Y-10



CP1-10L-10
















CP1-11R-10












CP1-11G-10

Non-illuminated flush pushbuttons - momentary

Color	Bezel	Contacts	Type	Order code	Pkg qty	Weight (1 pce) kg
● Red	Black plastic	 1 0	CP1-10R-10	1SFA619100R1011	10	0.018
		 0 1	CP1-10R-01	1SFA619100R1041	10	0.018
		 1 1	CP1-10R-11	1SFA619100R1071	10	0.022
● Green	Black plastic	 1 0	CP1-10G-10	1SFA619100R1012	10	0.018
		 1 1	CP1-10G-11	1SFA619100R1072	10	0.022
		 2 0	CP1-10G-20	1SFA619100R1022	10	0.022
● Yellow	Black plastic	 1 0	CP1-10Y-10	1SFA619100R1013	10	0.018
		 1 1	CP1-10Y-11	1SFA619100R1073	10	0.022
● Blue	Black plastic	 1 0	CP1-10L-10	1SFA619100R1014	10	0.018
○ White	Black plastic	 1 0	CP1-10W-10	1SFA619100R1015	10	0.018
● Black	Black plastic	 1 0	CP1-10B-10	1SFA619100R1016	10	0.018
		 1 1	CP1-10B-11	1SFA619100R1076	10	0.022
		 2 0	CP1-10B-20	1SFA619100R1026	10	0.022

Illuminated flush pushbuttons - momentary

Color	Bezel	Contacts	Type	Order code	Pkg qty	Weight (1 pce) kg
Rated voltage 24 V AC / DC						
● Red	Black plastic	 1 0	CP1-11R-10	1SFA619100R1111	10	0.025
		 0 1	CP1-11R-01	1SFA619100R1141	10	0.025
● Green	Black plastic	 1 0	CP1-11G-10	1SFA619100R1112	10	0.025
Rated voltage 110...130 V AC / DC						
● Red	Black plastic	 1 0	CP1-12R-10	1SFA619100R1211	10	0.025
		 0 1	CP1-12R-01	1SFA619100R1241	10	0.025
● Green	Black plastic	 1 0	CP1-12G-10	1SFA619100R1212	10	0.025
Rated voltage 220 V AC / DC						
● Red	Black plastic	 1 0	CP1-13R-10	1SFA619100R1311	10	0.025
		 0 1	CP1-13R-01	1SFA619100R1341	10	0.025
● Green	Black plastic	 1 0	CP1-13G-10	1SFA619100R1312	10	0.025

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Compact range



CP6-10R-11



CP6-10G-11



CP6-10B-11



CE3T-10R-01



CE4P-10R-01



CE4T-10R-01



CE4K1-10R-02

Heavy duty pushbuttons

Color	Contacts	Type	Order code	Pkg qty	Weight (1 pce) kg
● Red	1 1	CP6-10R-11	1SFA619105R1071	10	0.031
● Green	1 1	CP6-10G-11	1SFA619105R1072	10	0.031
● Black	1 1	CP6-10B-11	1SFA619105R1076	10	0.031

Non-illuminated emergency stop pushbuttons

Operator	Release method	Contacts	Type	Order code	Pkg qty	Weight (1 pce) kg
Ø 30 mm						
● Red	Twist release	0 1	CE3T-10R-01	1SFA619500R1041	1	0.032
		1 1	CE3T-10R-11	1SFA619500R1071	1	0.032
		0 2	CE3T-10R-02	1SFA619500R1051	1	0.032
Ø 40 mm						
● Red	Twist release	0 1	CE4T-10R-01	1SFA619550R1041	1	0.036
		1 1	CE4T-10R-11	1SFA619550R1071	1	0.036
		0 2	CE4T-10R-02	1SFA619550R1051	1	0.036
● Red	Pull release	1 1	CE4P-10R-11	1SFA619551R1071	1	0.036
		0 2	CE4P-10R-02	1SFA619551R1051	1	0.036
● Red	Key code 455	1 1	CE4K1-10R-11	1SFA619552R1071	1	0.064
		0 2	CE4K1-10R-02	1SFA619552R1051	1	0.064

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Compact range



CL2-502R



CL2-506G



CL2-508Y



CL2-506L



CL2-506C

Pilot lights

Color	Rated current mA	Anti-inductive voltage Vpeak	Wave-length nm	Illumination lx	Type	Order code	Pkg qty	Weight (1 pce) kg
Voltage 24 V AC / DC								
● Red	16	6	625	80	CL2-502R	1SFA619403R5021	10	0.016
● Green	16	6	520	135	CL2-502G	1SFA619403R5022	10	0.016
● Yellow	16	6	590	55	CL2-502Y	1SFA619403R5023	10	0.016
● Blue	16	6	470	10	CL2-502L	1SFA619403R5024	10	0.016
○ Clear	16	6	¹	230	CL2-502C	1SFA619403R5028	10	0.016
Voltage 110 ... 130 V AC								
● Red	15-17	20	625	85	CL2-513R	1SFA619403R5131	10	0.016
● Green	15-17	20	520	90	CL2-513G	1SFA619403R5132	10	0.016
● Yellow	15-17	20	590	85	CL2-513Y	1SFA619403R5133	10	0.016
Voltage 110 ... 130 V DC								
● Red	8-9	20	625	55	CL2-515R	1SFA619403R5151	10	0.016
● Green	8-9	20	520	125	CL2-515G	1SFA619403R5152	10	0.016
● Yellow	8-9	20	590	50	CL2-515Y	1SFA619403R5153	10	0.016
Voltage 220 V DC								
● Red	6	20	625	40	CL2-520R	1SFA619403R5201	10	0.016
● Green	6	20	520	90	CL2-520G	1SFA619403R5202	10	0.016
● Yellow	6	20	590	30	CL2-520Y	1SFA619403R5203	10	0.016
Voltage 230 V AC								
● Red	17	30	625	95	CL2-523R	1SFA619403R5231	10	0.016
● Green	17	35	520	155	CL2-523G	1SFA619403R5232	10	0.016
● Yellow	17	35	590	70	CL2-523Y	1SFA619403R5233	10	0.016
● Blue	17	35	470	10	CL2-523L	1SFA619403R5234	10	0.016
○ Clear	17	35	¹	225	CL2-523C	1SFA619403R5238	10	0.016
Rated voltage 380 ... 415 V AC								
● Red	15-17	55	625	85	CL2-542R	1SFA619403R5421	10	0.016
● Green	15-17	65	520	130	CL2-542G	1SFA619403R5422	10	0.016

¹X = 0.31, Y = 0.32

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Compact range



CB1-610R

Buzzers - Illuminated

Color	Light and sound output	Rated current mA	Luminance mcd	Type	Order code	Pkg qty	Weight (1 pce) kg
Rated voltage 24 V AC / DC							
● Red	Pulsation	53	60	CB1-610R	1SFA619600R6101	10	0.021
Rated voltage 110 ... 130 V AC							
● Red	Pulsation	70	60	CB1-611R	1SFA619600R6111	10	0.021
Rated voltage 110 ... 130 V DC							
● Red	Pulsation	15	60	CB1-612R	1SFA619600R6121	10	0.021
Rated voltage 230 V AC							
● Red	Pulsation	70	60	CB1-613R	1SFA619600R6131	10	0.021



CB1-620B

Buzzers - Non-illuminated

Color	Sound output	Rated current mA	Luminance mcd	Type	Order code	Pkg qty	Weight (1 pce) kg
Rated voltage 24 V AC / DC							
● Black	Continuous	40	-	CB1-620B	1SFA619600R6206	10	0.021
	Pulsation	48	-	CB1-630B	1SFA619600R6306	10	0.021
Rated voltage 110 ... 130 V AC							
● Black	Continuous	40	-	CB1-621B	1SFA619600R6216	10	0.021
	Pulsation	48	-	CB1-631B	1SFA619600R6316	10	0.021
Rated voltage 110 ... 130 V DC							
● Black	Continuous	15	-	CB1-622B	1SFA619600R6226	10	0.021
	Pulsation	15	-	CB1-632B	1SFA619600R6326	10	0.021
Rated voltage 230 V AC							
● Black	Continuous	40	-	CB1-623B	1SFA619600R6236	10	0.021
	Pulsation	40	-	CB1-633B	1SFA619600R6336	10	0.021

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Compact range







C2SS1-10B-10



C3SS2-30B-20

Non-illuminated selector switches

Operating principle	Bezel	Contacts	Type	Order code	Pkg qty	Weight (1 pce) kg
2-position - short handle maintained						
	Black plastic	1 0	C2SS1-10B-10	1SFA619200R1016	10	0.02
		1 1	C2SS1-10B-11	1SFA619200R1076	10	0.024
		2 0	C2SS1-10B-20	1SFA619200R1026	10	0.024
	Black plastic	1 0	C2SS2-10B-10	1SFA619201R1016	10	0.02
		1 1	C2SS2-10B-11	1SFA619201R1076	10	0.024
		2 0	C2SS2-10B-20	1SFA619201R1026	10	0.024
3-position - short handle maintained						
	Black plastic	1 1	C3SS1-10B-11	1SFA619210R1076	10	0.024
		2 0	C3SS1-10B-20	1SFA619210R1026	10	0.024
	Chrome metal	2 0	C3SS1-30B-20	1SFA619210R3026	10	0.032
3-position - short handle momentary						
	Black plastic	2 0	C3SS2-10B-20	1SFA619211R1026	10	0.024

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Compact range



KA1-8010



KA1-8021



MA1-8130



KA1



MA6-1060



MA6-1026



CEPY1-0



CA1-8053



KA1-8120

Accessories

Description	Bezel / color	Type	Order code	Pkg qty	Weight (1pce) kg
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Protective cover

To prevent accidental operation. Cannot be used together with Legend plate holder

For flush pushbuttons	Metal and black plastic	KA1-8010	1SFA616920R8010	10	0.008
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Bezel

For pushbuttons	Chrome metal	KA1-8021	1SFA616920R8021	10	0.015
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Blanking plugs

	Black	MA1-8130	1SFA611920R8130	10	0.005
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30 mm adaptors for 22 mm operator (1.5 - 4 mm panel thickness)

For pushbuttons, selector switches, pilot lights, potentiometers, emergency stop pushbuttons, MPE	Black plastic	KA1-8029	1SFA616920R8029	1	0.010
	Chrome metal	KA1-8030	1SFA616920R8030	1	0.010

Legend plate holder

Grey plastic		MA6-1060	1SFA611930R1060	10	0.002
Black plastic		KA1-8120	1SFA616920R8120	100	0.002

Legend plate

Without text or symbol		KA1-8121	1SFA616920R8121	100	0.001
Emergency stop		CA6-1026	1SFA619930R1026	10	0.004

Compact plastic enclosures

Empty enclosure for compact range

1-seat	Yellow / light grey	M20 and Pg 13.5/ Pg16 and (M20)	CEPY1-0	1SFA619821R1000	1	0.072
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Shrouds

To be mounted on CEP-series of enclosures or on panel

Yellow			CA1-8053	1SFA619920R8053	1	0.016
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This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Modular metal range - stocked 22mm



Modular Metal pushbuttons - 22mm

Description	Ordering code		
Momentary flush pushbutton			
● Red	P9M-PNRG		
● Green	P9M-PNVG		
● Black	P9M-PNNG		
● Blue	P9M-PNLG		
● Yellow	P9M-PNGG		
○ White	P9M-PNBG		
Momentary extended pushbutton			
● Red	P9M-PNRS		
● Green	P9M-PNVS		
● Black	P9M-PNNS		
○ White	P9M-PNBS		
Momentary flush pushbutton - Illuminated			
● Red	P9M-PLRGD		
● Green	P9M-PLVGD		
● Blue	P9M-PLLGD		
● Yellow	P9M-PLGGD		
○ White	P9M-PLBGD		
Momentary extended pushbutton - Illuminated			
● Red	P9M-PLRSD		
● Green	P9M-PLVSD		
○ White	P9M-PLBSD		
● Orange	P9M-PLASD		
Marked pushbuttons - momentary			
● Green	START	P9M-PNVG202	
● Red	STOP	P9M-PNRG201	
● Blue	R	P9M-PNLG037	
● Red	O	P9M-PNRG029	
● Green	I	P9M-PNVG028	
● Black	I	P9M-PNNG028	
Mushroom pushbuttons - maintained			
● Red	Ø 40 mm	P9M-EM4RN	
● Green	Ø 40 mm	P9M-EM4VN	
● Black	Ø 40 mm	P9M-EM4NN	
Mushroom pushbuttons - momentary			
● Red	Ø 40 mm	Twist release	P9M-ER4RN
Mushroom pushbuttons - maintained with key			
● Red	Key code 37		P9M-EC4RN37
Mushroom pushbuttons - momentary - illuminated			
● Red	Ø 40 mm	-	P9M-EM4RL
Mushroom pushbuttons - maintained - illuminated			
● Red	Ø 40 mm	Pull Release	P9M-ET4RL1

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Modular metal range - stocked 22mm



Pilot lights

	Ordering code
○ Clear	P9M-LID
● Green	P9M-LVD
● Blue	P9M-LLD
● Red	P9M-LRD
○ White	P9M-LBD
● Yellow	P9M-LGD
● Orange	P9M-LAD



Selector switches

	Ordering code
Key-operated 2-position	
Maintained BC	P9M-SCI0C01
Momentary BC	P9M-SCI5C01
Key-operated 3-position	
Maintained ABC	P9M-SCZ0T01
Momentary ABC, spring return from A to B and from C to B	P9M-SCZ3C01
2-position	
Maintained AC	P9M-SMD0N
Maintained BC	P9M-SMI0N
Momentary BC, spring return from C to B	P9M-SMI5N
3-position - short handle	
Maintained ABC	P9M-SMZ0N
Momentary ABC, spring return from A to B and from C to B	P9M-SMZ3N
Momentary ABC, spring return from C to B	P9M-SMZ5N



This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Modular metal range - stocked 22mm



Contact blocks

Description	Ordering code
Single contact blocks - Faston Terminals	
1 NO	P9B-10FN
1 NC	P9B-01FN
Holders	
3-position	P9A-CFS3
5-position	P9A-CFS5
Single contact blocks for front mounting	
1 NO	P9B-10VN
1 NC	P9B-01VN
Single contact blocks with N.O. early make contacts and N.C. late break contacts	
1 NO	P9B-10VA
1 NC	P9B-01VR
Double contact blocks	
1 NO + 1 NC	P9B-11VN
2 NO	P9B-20VN
2 NC	P9B-02VN
Power Supply block for LED bulbs (BA9S)	
Full voltage - bulb not included IEC: BA9S max 380 V - 2 W UL - CSA: BA9S max 250 V - 2 W	P9P-DNV0
Power Supply block for LED bulbs (BA9S) - Faston Terminals	
Full voltage - bulb not included IEC: BA9S max 380 V - 2 W UL - CSA: BA9S max 250 V - 2 W	P9P-DNF0
Full voltage - bulb not included IEC: BA9S max 380 V - 2 W UL - CSA: BA9S max 250 V - 2 W	P9P-DNF0-AA

LED blocks for front mounting	Voltage	Ordering code
● Green	24V AC/DC	P9P-LNV DV
● Blue	24V AC/DC	P9P-LNV DL
● Red	24V AC/DC	P9P-LNV DR
○ White	24V AC/DC	P9P-LNV DB
● Yellow	24V AC/DC	P9P-LNV DG
● Green	120V AC	P9P-LNV JV
● Blue	120V AC	P9P-LNV JL
● Red	120V AC	P9P-LNV JR
○ White	120V AC	P9P-LNV JB
● Yellow	120V AC	P9P-LNV JG
● Green	230V AC	P9P-LNV NV
● Blue	230V AC	P9P-LNV NL
● Red	230V AC	P9P-LNV NR
○ White	230V AC	P9P-LNV NB
● Yellow	230V AC	P9P-LNV NG

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

Modular metal range - stocked 22mm



Accessories

Protection cover	Ordering code
Protection cover padlockable for standard pushbuttons, illuminated pushbuttons, selector switches, illuminated selector switches	P9A-CRCL



Maintained accessory	Ordering code
Device for standard pushbuttons, illuminated pushbuttons: To be used only with contact blocks P9B01VN, P9B01VR, P9B10VA and P9B01FN	P9A-CDPP

Tools	Ordering code
Locking ring wrench	P9A-CWAF



Adapter ring	Ordering code
Adapter ring for 30 mm hole to mount P9 22 mm in a 30 mm hole	P9A-RAM32

Terminal adapter	Ordering code
PCB adapter for faston contacts	P9A-CA6



Rubber protective caps (IP66) for standard pushbuttons	Ordering code
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Flush Pushbuttons

● Red	080CP-R
● Green	080CP-V
● Black	080CP-N
○ Clear	080CP-T

Extended pushbuttons	Ordering code
○ Clear	P9A-RCST

This represents ABB's core pilot device offering. Please reference the **Pilot Device catalog** for the complete portfolio.

