Push-Button Actuators and LED Indicators

Actuators and indicators are used in control circuits for direct and remote management of operations, vital for industries, commercial establishments and domestic installations. The range offers reliability, critical to operational control, together with flexibility so important to panel assemblers, with the standardised modular construction. The actuators and indicators together with contact blocks, LED holders, integral indicators and actuators conform to international standards 60947-5-1.

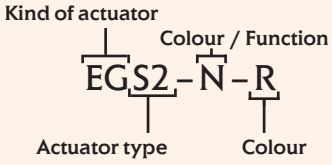
- All Actuators are supplied with First Row Clip as shown.
- All Actuators except LED Indicators have black collar made of ABS material. There is an option to buy chrome collar.
- The Actuator and Indicator fronts are IP65 .
- The key is withdrawable in 'O' position for Lock & Key Head Actuators as a standard feature.
- Symmetrical Head, Lever Head and Lock & Key Actuators are supplied with anti rotation ring (for mounting, see drill plan in continuation).
- The Integral Indicators are suitable for 24V AC/DC and 240V AC.
- The illuminated Actuators do not include LED Holders. There are need to be chosen separately.

Application:
- panel control and signaling system
- control panels

Advantages:
- segmental construction
- simplicity of assembly and dismantling
- mounting in standardized control panel holes Ø 22,5 mm
- snap mounting system components for brackets
- the ability to cascade system expansion of connectors structure (horizontal and vertical);
- degree of protection IP65
- LVGP (Low Voltage Glow Protection) protects against unwanted illumination of LED in case of low voltage of supply (below 60 V) or appearance of leakage currents

CE

Type Designation:



Type description

Kind of actuator	Actuator type	Colour / Function:	Colour:
EG – Non-Illuminated Actuators	F – Flush Head P – Projecting Head	R – Red	
		G – Green	
		Y – Yellow	
		C – Black	
		B – Blue	
		A – Orange (Amber)	
		W – White	
	T – Twin touch	C – Black	
	M – Mushroom	P – Push Type	R – Red
		T – Push-Turn	
	S2 – Selector actuator – symemetric head – 2 position	N – Without Self Return	R – Red G – Green C – Black W – White
		S – With Self Return	
		N90* – deflection of 90 ° between the extreme positions without self return	
	S3 – Selector actuator – symemetric head – 3 position	NN – Without self return from both sides	R – Red G – Green C – Black W – White
		SS – With self return from both sides	
		SN – Self return from left side	
		NS – Self return from right side	
	K2 – Key – 2 position	XY45* – deflection of 90 ° between the extreme positions	C – Black
		XZ90* – deflection of 90 ° between the extreme positions	
		XY90* – deflection of 90 ° between the extreme positions	
		XY – Without Self Return	
		XZ – With Self Return	
	K3 – Key – 3 position	ZXZ – With self return from both sides	C – Black
		YXY – Without self return from both sides	
		ZXY – Self return from left side	
		YXZ – Self return from right side	
EG – Illuminated Actuators	PI – Projecting Head Illum. FI – Flush Head Illum.	R - Red	
		G - Green	
		Y - Yellow	
		C - Black	
		B - Blue	
		A - Amber	
		W-White	
	TI – Twin touch Illum.	B - Blue	
		A - Amber	
		S - Colourless	
	S2I – Selector actuator – symemetric head – 2 position illum.	N - Without self return	R – Red G – Green W – White
		S - With self return	
		N90* - deflection of 90 ° between the extreme positions without self return	
	S3I – Selector actuator – symemetric head – 3 position illum.	NN - Without self return from both sides	R – Red G – Green W – White
		SS - With self return from both sides	
EC – Non-Illuminated integrated actuators	F – Flush Head	10 - 1 NO	R – Red G – Green Y – Yellow C – Black B – Blue A – Orange (Amber) W – White
		01 - 1 NC	
		11 - 1 NO and 1 NC contacts	
	M – Mushroom	P10 - Monostable with 1 NO contact	R – Red
		P01 - Monostable with 1 NC contact	
		T10 - Push-Turn with 1 NO contact	
		T01 - Push-Turn with 1 NC contact	
EC – Illuminated integrated actuators	LI – LED indicator	024C - 24 V AC/DC	R – Red G – Green Y – Yellow B – Blue A – Orange (Amber) W – White
		240A - 240 V AC	

Note:
***X – Position of removing the key; *Y – Position you can't remove the key; *Z – Position of self returning**

*In standard actuators (selector and key actuator) in which after first dash you haven't got any number (for example EGK2-XY-C) then the deflection is 45° and position looks like this



* In two positions key actuators in which after first dash you have got "45" number (for example EGK2-XY45-C) then the deflection is 90° and position looks like this:



* In standard actuators (selector and key actuator) in which after first dash you have got "90" number (for example EGK2-XY90-C) then the deflection is 90° and position looks like this:



Non-illuminated actuators



Flush head actuator

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGF-R	Red	004771240	0,02	10/140
EGF-G	Green	004771241	0,02	10/140
EGF-C	Black	004771242	0,02	10/140
EGF-Y	Yellow	004771243	0,02	10/140
EGF-W	White	004771244	0,02	10/140
EGF-B	Blue	004771245	0,02	10/140
EGF-A	Amber	004771246	0,02	10/140



Projecting head actuator

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGP-R	Red	004771260	0,02	10/140
EGP-G	Green	004771261	0,02	10/140
EGP-C	Black	004771262	0,02	10/140
EGP-Y	Yellow	004771263	0,02	10/140
EGP-W	White	004771264	0,02	10/140
EGP-B	Blue	004771265	0,02	10/140
EGP-A	Amber	004771266	0,02	10/140



Mushroom actuator, Push function

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGM-P-R	Red	004771280	0,024	10/140
EGM-P-RCh	Red / Chrome	004771281	0,024	10/140



Mushroom actuator, Push-Turn function

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGM-T-R	Red	004771290	0,024	10/140
EGM-T-RCh	Red / Chrome	004771291	0,024	10/140



Symetric head actuator, 2 position with non spring return 0-1, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS2-N-R	Red	004771300	0,019	10/140
EGS2-N-G	Green	004771301	0,019	10/140
EGS2-N-C	Black	004771302	0,019	10/140
EGS2-N-Y	Yellow	004771303	0,019	10/140
EGS2-N-W	White	004771304	0,019	10/140



Symetric head actuator, 2 position with spring return 0-1, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS2-S-R	Red	004771310	0,019	10/140
EGS2-S-G	Green	004771311	0,019	10/140
EGS2-S-C	Black	004771312	0,019	10/140
EGS2-S-W	White	004771313	0,019	10/140



Symetric head actuator, 3 position with non spring return 1-0-2, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS3-NN-R	Red	004771340	0,019	10/140
EGS3-NN-G	Green	004771341	0,019	10/140
EGS3-NN-C	Black	004771342	0,019	10/140
EGS3-NN-W	White	004771343	0,019	10/140



Selector actuator -symmetric head, 2pos. Non spring Return 0-90° deg.

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS2-N90-R	Red	004771320	0,019	10/140
EGS2-N90-G	Green	004771321	0,019	10/140
EGS2-N90-C	Black	004771322	0,019	10/140
EGS2-N90-W	White	004771323	0,019	10/140

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Selector actuator -symmetric head, 3pos. Spring Return

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS3-SS-R	Red	004771344	0,019	10/140
EGS3-SS-G	Green	004771345	0,019	10/140
EGS3-SS-C	Black	004771346	0,019	10/140
EGS3-SS-W	White	004771347	0,019	10/140



Symetric head actuator, 3 position with spring return from left 1-0-2, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS3-SN-R	Red	004771348	0,019	10/140
EGS3-SN-G	Green	004771349	0,019	10/140
EGS3-SN-C	Black	004771350	0,019	10/140
EGS3-SN-W	White	004771351	0,019	10/140



Symetric head actuator, 3 position with spring return from right 1-0-2, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS3-NS-R	Red	004771352	0,019	10/140
EGS3-NS-G	Green	004771353	0,019	10/140
EGS3-NS-C	Black	004771354	0,019	10/140
EGS3-NS-W	White	004771355	0,019	10/140



Key actuator, 2 position 0-1, 45°

Type	Colour	Code number	Function	Weight [kg]	Packaging [pcs]
EGK2-XY-C	Black	004771370	Without self return	0,05	10/140
EGK2-XZ-C	Black	004771372	With self return	0,05	10/140



Key actuator, 2 position 0-1, 90°

Type	Colour	Code number	Function	Weight [kg]	Packaging [pcs]
EGK2-XY45-C	Black	004771373	Without self return	0,05	10/140
EGK2-XY90-C	Black	004771371	Without self return	0,05	10/140
EGK2-XZ90-C	Black	004771374	With self return	0,05	10/140



Key actuator, 3 position 1-0-2, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGK3-ZXZ-C	Black	004771380	0,05	10/140
EGK3-YXY-C	Black	004771381	0,05	10/140
EGK3-ZXY-C	Black	004771382	0,05	10/140
EGK3-YXZ-C	Black	004771383	0,05	10/140

Twin touch actuator

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGT-C	Black	004771390	0,024	10/140



Integral Push buttons

Flush head integral push button - 1 NO

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECF-10-R	Red	004771450	0,021	20/300
ECF-10-G	Green	004771451	0,021	20/300
ECF-10-Y	Yellow	004771452	0,021	20/300
ECF-10-C	Black	004771453	0,021	20/300
ECF-10-B	Blue	004771454	0,021	20/300
ECF-10-W	White	004771455	0,021	20/300
ECF-10-A	Amber	004771456	0,021	20/300



Flush head integral push button - 1 NC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECF-01-R	Red	004771460	0,021	20/300
ECF-01-G	Green	004771461	0,021	20/300
ECF-01-Y	Yellow	004771462	0,021	20/300
ECF-01-C	Black	004771463	0,021	20/300
ECF-01-B	Blue	004771464	0,021	20/300
ECF-01-W	White	004771465	0,021	20/300
ECF-01-A	Amber	004771466	0,021	20/300



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Flush head integral push button - 1 NO + 1 NC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECF-11-R	Red	004771470	0,025	20/300
ECF-11-G	Green	004771471	0,025	20/300
ECF-11-Y	Yellow	004771472	0,025	20/300
ECF-11-C	Black	004771473	0,025	20/300
ECF-11-B	Blue	004771474	0,025	20/300
ECF-11-W	White	004771475	0,025	20/300
ECF-11-A	Amber	004771476	0,025	20/300



Mushroom integral actuator, Push functiom, 1 NO

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECM-P10-R	Red	004771480	0,028	10/150

Mushroom integral actuator, Push functiom, 1 NC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECM-P01-R	Red	004771481	0,028	10/150



Mushroom integral actuator, Push-Turn functiom, 1 NO

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECM-T10-R	Red	004771482	0,028	10/150

Mushroom integral actuator, Push-Turn functiom, 1 NC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECM-T01-R	Red	004771483	0,028	10/150

Illuminated actuators



Flush head actuator

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGFI-R	Red	004771250	0,02	10/140
EGFI-G	Green	004771251	0,02	10/140
EGFI-Y	Yellow	004771252	0,02	10/140
EGFI-W	White	004771253	0,02	10/140
EGFI-B	Blue	004771254	0,02	10/140
EGFI-A	Amber	004771255	0,02	10/140



Projecting head actuator

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGPI-R	Red	004771270	0,02	10/140
EGPI-G	Green	004771271	0,02	10/140
EGPI-Y	Yellow	004771272	0,02	10/140
EGPI-W	White	004771273	0,02	10/140
EGPI-B	Blue	004771274	0,02	10/140
EGPI-A	Amber	004771275	0,02	10/140



Symetric head actuator, 2 position with spring return 0-1, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS2I-S-R	Red	004771330	0,019	10/140
EGS2I-S-G	Green	004771331	0,019	10/140
EGS2I-S-W	White	004771332	0,019	10/140



Symetric head actuator, 2 position with non spring return 0-1, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS2I-N-R	Red	004771333	0,019	10/140
EGS2I-N-G	Green	004771334	0,019	10/140
EGS2I-N-W	White	004771335	0,019	10/140

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Symetric head actuator, 2 position with non spring return 0-1, 90°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS2I-N90-R	Red	004771336	0,019	10/140
EGS2I-N90-G	Green	004771337	0,019	10/140
EGS2I-N90-W	White	004771338	0,019	10/140



Symetric head actuator, 3 position with spring return 1-0-2, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS3I-SS-R	Red	004771360	0,019	10/140
EGS3I-SS-G	Green	004771361	0,019	10/140
EGS3I-SS-W	White	004771362	0,019	10/140



Symetric head actuator, 2 position with non-spring return 1-0-2, 45°

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGS3I-NN-R	Red	004771363	0,019	10/140
EGS3I-NN-G	Green	004771364	0,019	10/140
EGS3I-NN-W	White	004771365	0,019	10/140



Twin touch actuator

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EGTI-A	Amber	004771391	0,024	10/140
EGTI-Y	Yellow	004771392	0,024	10/140
EGTI-S	Colourless	004771393	0,024	10/140



Integral LED indicators

LED indicators 24 V AC/DC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECLI-024C-R	Red	004771210	0,018	20/300
ECLI-024C-G	Green	004771211	0,018	20/300
ECLI-024C-Y	Yellow	004771212	0,018	20/300
ECLI-024C-B	Blue	004771213	0,018	20/300
ECLI-024C-A	Amber	004771214	0,018	20/300
ECLI-024C-W	White	004771215	0,018	20/300



LED indicators 240 V AC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
ECLI-240A-R	Red	004771230	0,018	20/300
ECLI-240A-G	Green	004771231	0,018	20/300
ECLI-240A-Y	Yellow	004771232	0,018	20/300
ECLI-240A-B	Blue	004771233	0,018	20/300
ECLI-240A-A	Amber	004771234	0,018	20/300
ECLI-240A-W	White	004771235	0,018	20/300



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Accessories



Contacts

Type	Function	Code number	Weight [kg]	Packaging [pcs]
E-NO	Normally open contact - NO	004771500	0,008	20/1000
E-NC	Normally closed contact - NC	004771501	0,008	20/1000



LED holder 24 V AC/DC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EAHI-024C-R	Red	004771508	0,01	30/450
EAHI-024C-G	Green	004771509	0,01	30/450
EAHI-024C-Y	Yellow	004771510	0,01	30/450
EAHI-024C-A	Amber	004771511	0,01	30/450
EAHI-024C-B	Blue	004771512	0,01	30/450
EAHI-024C-W	White	004771513	0,01	30/450



LED holder 240 V AC

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EAHI-240A-R	Red	004771502	0,01	30/450
EAHI-240A-G	Green	004771503	0,01	30/450
EAHI-240A-Y	Yellow	004771504	0,01	30/450
EAHI-240A-A	Amber	004771505	0,01	30/450
EAHI-240A-B	Blue	004771506	0,01	30/450
EAHI-240A-W	White	004771507	0,01	30/450



Lens cap, for non-illuminated flush head actuators

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EAF-R	Red	004771518	0,002	50
EAF-G	Green	004771520	0,002	50
EAF-Y	Yellow	004771522	0,002	50
EAF-A	Amber	004771526	0,002	50
EAF-B	Blue	004771524	0,002	50
EAF-W	White	004771515	0,002	50



Lens cap, for illuminated flush head actuators

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EAFI-S	Colourless	004771514	0,002	50
EAFI-R	Red	004771519	0,002	50
EAFI-G	Green	004771521	0,002	50
EAFI-Y	Yellow	004771523	0,002	50
EAFI-A	Amber	004771527	0,002	50
EAFI-B	Blue	004771525	0,002	50



Adaptor Rings from 30 to 22mm

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EAR-F/R-Gr	Grey	004771530	0,002	50
EAR-R-Gr	Grey	004771531	0,002	50
EAR-F/R-C	Black	004771535	0,002	50
EAR-F-C	Black	004771536	0,002	50
EAR-F/R-Ch	Chrome	004771540	0,002	50
EAR-R-Ch	Chrome	004771541	0,002	50



Blanking Plugs

Typ	Colour	Code number	Weight [kg]	Packaging [pcs]
EAB-C-Gr	Grey	004771532	0,004	50
EAB-F-Gr	Grey	004771533	0,004	50
EAB-C-C	Black	004771537	0,004	50
EAB-F-C	Black	004771538	0,004	50
EAB-C-Ch	Chrome	004771542	0,004	50
EAB-F-Ch	Chrome	004771543	0,004	50

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Collar

Type	Colour	Code number	Weight [kg]	Packaging [pcs]
EAC-C	Black	004771528	0,002	50
EAC-Ch	Chrome	004771529	0,002	50

Antirotation ring

Type	Code number	Weight [kg]	Packaging [pcs]
EAA	004771534	0,002	50

Other

Type	Function	Code number	Weight [kg]	Packaging [pcs]
EAX	Fixing device	004771539	0,029	50
EALP	Legend plate	004771544	0,002	50







LS LED indicators

Application:
- signaling the operating states of: electrical circuits, devices (switched off / switched on) and technological processes
- control panels
- replace incandescent lamps, neon and more

Advantages:
- LED long life
- ease of installation
- reliability



LS LED indicators

Type	Code number	Name	Packaging [pcs]
		LED indicator d=5 mm 24 V AC	
LS LED 5 G 24	004770801	LED indicator d=5 mm green 24 V AC	25/50/100
LS LED 5 R 24	004770802	LED indicator d=5 mm red 24 V AC	25/50/100
LS LED 5 Y 24	004770803	LED indicator d=5 mm yellow 24 V AC	25/50/100
		LED indicator d=5 mm 230 V AC	
LS LED 5 G 230	004770804	LED indicator d=5 mm green 230 V AC	25/50/100
LS LED 5 R 230	004770805	LED indicator d=5 mm red 230 V AC	25/50/100
LS LED 5 Y 230	004770806	LED indicator d=5 mm yellow 230 V AC	25/50/100
		LED indicator d=10 mm 24 V AC	
LS LED 10 G 24	004770807	LED indicator d=10 mm green 24 V AC	25/50/100
LS LED 10 R 24	004770808	LED indicator d=10 mm red 24 V AC	25/50/100
LS LED 10 Y 24	004770809	LED indicator d=10 mm yellow 24 V AC	25/50/100
		LED indicator d=10 mm 230 V AC	
LS LED 10 G 230	004770810	LED indicator d=10 mm green 230 V AC	25/50/100
LS LED 10 R 230	004770811	LED indicator d=10 mm red 230 V AC	25/50/100
LS LED 10 Y 230	004770812	LED indicator d=10 mm yellow 230 V AC	25/50/100
		LED indicator d=20 mm 24 V AC	
LS LED 20 G 24	004770813	LED indicator d=20 mm green 24 V AC	25/50/100
LS LED 20 R 24	004770814	LED indicator d=20 mm red 24 V AC	25/50/100
LS LED 20 Y 24	004770815	LED indicator d=20 mm yellow 24 V AC	25/50/100
		LED indicator d=20 mm 230 V AC	
LS LED 20 G 230	004770816	LED indicator d=20 mm green 230 V AC	25/50/100
LS LED 20 R 230	004770817	LED indicator d=20 mm red 230 V AC	25/50/100
LS LED 20 Y 230	004770818	LED indicator d=20 mm yellow 230 V AC	25/50/100

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