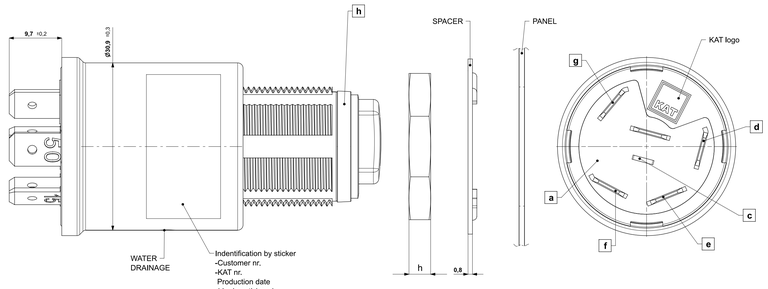
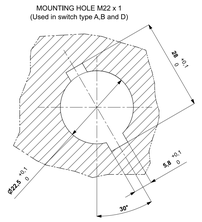
Üzerinde mavi renkli "KONTROLLÜ KOPYA " kaşesi bulunmayan dokümanlar kontrol dışı çoğaltılmıştır,geçerliliği yoktur. / Documents, do not bear a blue inked "Controlled Copy" stamp are without authorization and invalid.

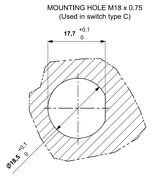
Notlar/ Notes

*Key removable in off position
*IP69K Plastic facenut torque:1.5Nm
Octagonnut torque: 5.5 Nm

*Misuse torque of Restart Prohibitor is max. 2,45Nm
(acc. to Commission Directive 95/56/EG)







* Operation temp. : from -40°C to +90°C
* Product life:
25.000 cycles electrical
100.000 cycles mechanical

	Item	Designation	Material	Plating	Color	Weight (g)
STANDARD	a	Base	PA6 GF30	N/A	Natur	3,95
	b	Zamac Body	ZnAl4Cu1	N/A	N/A	77,95
	b1					65,25
	b2					56,5
	b3					73,05
	c	Plug 30	MS63 F37	Ag 1-3µm	N/A	1,2
	d	Plug 50				0,7
	e	Plug 15				0,7
	f	Plug 75				0,7
	g	Plug 83				0,7
	h	Locking gasket	NBR Rubber 80±5 Shore A	N/A	Black	0,3
SPARE PARTS	i	Aluminium Face Nut M22x1	Aluminyum 6013	N/A	N/A	7,1
	j	Aluminium Face Nut M18x0,75				5,65
	k	Plastic Face Nut	PA66 GF30	N/A	Black	2,6
	m	Metal Spacer	DIN EN 10130 DC04	N/A	N/A	2,5
	n	Plastic Spacer	PA66 GF30	N/A	Natur	0,5
	p	Octagon Face Nut M18x0,75	Aluminyum 6013	N/A	N/A	1,6
	q	Octagon Face Nut M22x1 (h:2.5mm)				1,6
	r	Octagon Face Nut M22x1 (h:4mm)				2,4
ACCESSORIES	s	IP69K Cover Set	N/A	N/A	Black	9,6
	t	Plastic Cap	PVC Compound S29/60 Shore A	N/A	Black	4,6
	u	Connector	ABS	N/A	Black	6,15
	v	IP65 Cover Set	N/A	N/A	Black	16,3
	w	Nut Wrench	1.2379	Ni / 2±1 µm	N/A	33.46

Delivery Volume	
Ignition Switch	1
Spacer	1
Keys	2
Nut	1

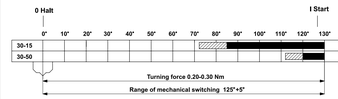
ORDERING SCHEME

1	2	3	4	5	6	7	8	9	10	11	12	13
___	___	___	___	___	___	___	___	___	___	___	___	___

1- Electrical diagrams
2- Switch Type
3- Restart inhibitor
4- Water drainage
5- Terminal Side Protection
6- Plugs Silver Plated
7- Key types
8- Key Color
9- Customer logo on key
10- Spacer Type
11- Octago Nut Type
12- Key Side Protection
13- Customer logo on IP69 Cover

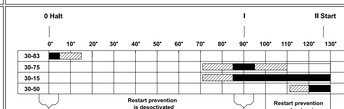
1 ELECTRICAL DIAGRAM

A



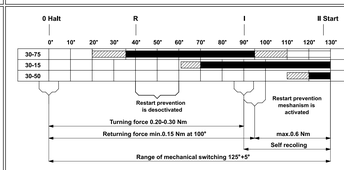
	max.intensity of current for 12V	Voltage drap	Time of load
30-15	25 A	≤100mV	○○
30-50	50 / 12 A	≤150mV	shortly ○○

B



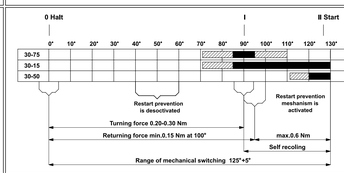
	max.intensity of current for 12V	Voltage drap	Time of load
30-83	2 A	≤ 40mV	○○
30-75	20 A	≤ 100mV	○○
30-15	25 A	≤ 100mV	○○
30-50	50 / 12 A	≤ 150mV	shortly ○○

C



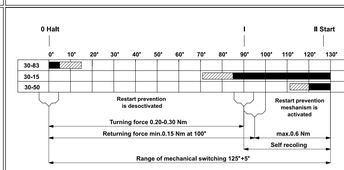
	max.intensity of current for 12V	Voltage drap	Time of load
30-75	20 A	≤ 100mV	○○
30-15	25 A	≤ 100mV	○○
30-50	50 / 12 A	≤ 150mV	shortly ○○

D



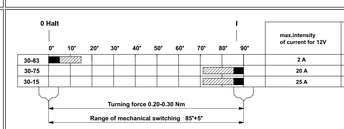
	max.intensity of current for 12V	Voltage drap	Time of load
30-75	20 A	≤ 100mV	○○
30-15	25 A	≤ 100mV	○○
30-50	50 / 12 A	≤ 150mV	shortly ○○

E



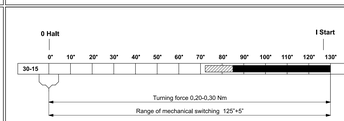
	max.intensity of current for 12V	Voltage drap	Time of load
30-83	2 A	≤ 40mV	○○
30-15	25 A	≤ 100mV	○○
30-50	50 / 12 A	≤ 150mV	shortly ○○

F



	max.intensity of current for 12V	Voltage drap	Time of load
30-83	2 A	≤ 40mV	○○
30-75	20 A	≤ 100mV	○○
30-15	25 A	≤ 100mV	○○

G



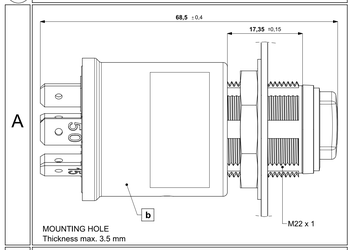
	max.intensity of current for 12V	Voltage drap	Time of load
30-15	25 A	≤100mV	○○

Connection Terminals	
Nr.	A 6,3 x 0,8 DIN 46244
30	1x
15	1x
50	1x
75	1x
83	1x

Tolerance area

2 SWITCH TYPE

A



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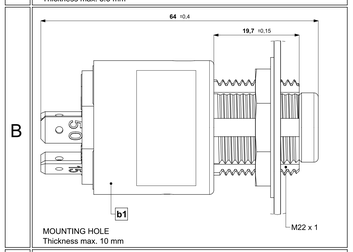

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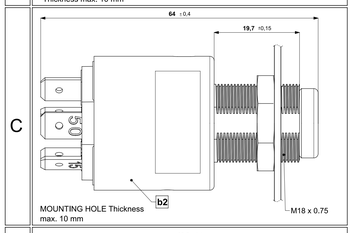

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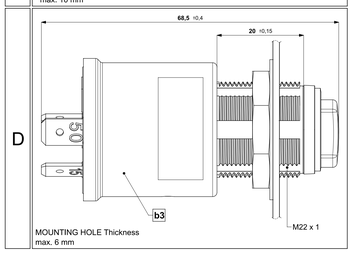


3 RESTART INHIBITOR

1	WITH (except for A - F Electrical diagram)
2	WITHOUT

Note : Electrical diagram changes regarding to Restart inhibitor.

4 WATER DRAINAGE

A	WITH
B	WITHOUT

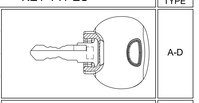
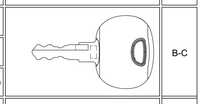
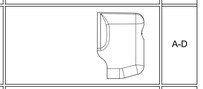
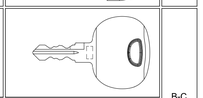
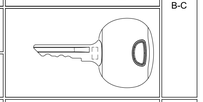
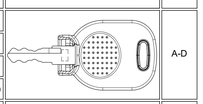
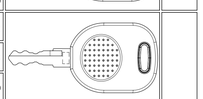
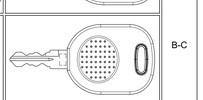
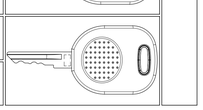
5 TERMINAL SIDE PROTECTION

		SWITCH TYPE
A	IP69K **(With resin)**	A-D
B	IP63	A-D
C	IP40	B-C

6 PLUGS SILVER PLATED

1	WITH
2	WITHOUT

7 KEY TYPES

			SWITCH TYPE
1	606		A-D
2	607		
3	608		
4	0-250		
5	602		B-C
6	603		
7	0-250		
✳ 9	001		A-D
10	644		B-C
11	609		
12	610		
13	606		A-D
14	607		
15	608		
16	0-250		
17	602		B-C
18	603		
19	0-250		
20	644		
21	609		
22	610		

✳ Key type 9 is to be screwed on the ignition switch.
✳ 4,7,16,19 types are keyed different

Note : * Locking system available from 0-250
* Locking number to be given seperatly
If not mentioned random deliveries will be made

8 KEY COLOR

A	BLACK (Standart)
B	RED
C	BLUE
D	GRAY

9 CUSTOMER LOGO ON KEY

A	WITH
B	WITHOUT

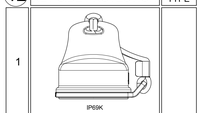
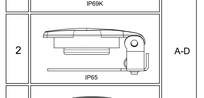
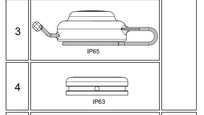
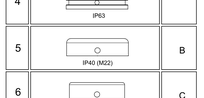
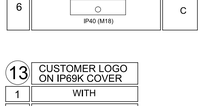
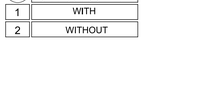
10 SPACER TYPE

		SWITCH TYPE
1	Plastic Spacer	A-B-D
2	Metal Spacer	A-B-D
3	No Spacer (for M18)	C

11 OCTAGO NUT TYPE

		SWITCH TYPE
1	M22x1 (h : 4mm)	A-B-D
2	M18x0,75 (h : 4mm)	C
3	M22x1 (h : 2.5mm)	A-B-D

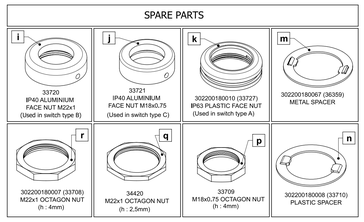
12 KEY SIDE PROTECTION

		SWITCH TYPE
1	 IP69K	A-D
2	 IP65	
3	 IP65	
4	 IP63	
5	 IP40 (M22)	B
6	 IP40 (M18)	C

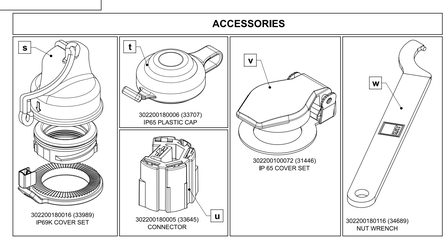
13 CUSTOMER LOGO ON IP69K COVER

1	WITH
2	WITHOUT

SPARE PARTS



ACCESSORIES



Rev. Nr. Rev. No	Konum Section	Tarih Date	İsim Name	Revizyon tanımı Revision description	Talep Nr. Order No
a	N/A	07.12.2007	Y.BUYUKDERELI	Torque has been added	N/A
b	N/A	11.02.2008	Y.BUYUKDERELI	Assemble is shown.	N/A
c	N/A	16.06.2008	Y.BUYUKDERELI	Added key colkur grey.	N/A
d	N/A	28.05.2009	C.TOPRAKHISAR	Metal spacer has been added to the accessories. 609 Key has been added.	v
e	N/A	09.03.2010	C.TOPRAKHISAR	Drawing renewed.	N/A
f	N/A	30.09.2010	C.TOPRAKHISAR	"Only switch type"mark is added in D and E diagramme.	N/A
g	N/A	28.08.2015	C.TOPRAKHISAR	F Electrical diagram added.	10-2015
h	N/A	13.06.2017	C.TOPRAKHISAR	644 Key has been added.	N/A
i	N/A	29.01.2018	K.KAYABALLIT	Technical drawing updated	N/A
j	R12	14.05.2018	K.KAYABALLIT	Metal spacer number changed.	N/A
k	N/A	22.11.2018	E.KERENCI	606 Key and Nut Wrench added.	N/A
L	N/A10	29.03.2019	K.KAYABALLIT	In the selection, keys which are between 12x22, are added.	N/A
m	N/A	22.10.2020	C.TOPRAKHISAR	G Electrical diagram added.	N/A
n	N/A	10.02.2025	K.KAYABALLIT	In option 7, the Metal Handle Key Nr. 602 has been removed from the selection criteria. New System code added	N/A

Referanslar
References

Izometrik görünüş / Isometric view
Ölçek/Scale
N/A

Parça Durumu / Part Status	Seri / Series

KAT, bu belge ile sınırlı kalmamak kaydı ile kopyalama hakkını,ticaretdışı hakkı,patent hakkı için başvuru hakkı ve buraya sınırlı kalmamak kaydı ile endüstriyel mülkiyet hakkı olan bütün hakkı saklı tutar. Bu dokümanın izinsiz olarak kopyalanmasına veya yayına hakkın tesili için kullanılmasına ve üçüncü şahıslara ifşasına izin verilmez.

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KAT

CAD sistemi ve yönetim kodu/CAD system and administration code	SIEMENS NX (*.prt)
Malzeme / SAP kod / Malzeme kodu Material / SAP code /Part marking code See table	Renk / Color See table
Ağırlık (g) / Weight N/A	
Çekme mukavemeti (N/mm²)/Tensile strength N/A	Sertlik (HV)/Hardness N/A
Kaplama malzemesi/Coating material See table	
Kaplama kalınlığı (µm)/Coating thickness See table	

	İsim/ Name	Tarih / Date	İmza / Signature	Proje kod Project code
Çizen / Drawn	Y.BUYUKDERELI	04.12.2007		K018
Tasarım Sorumlusu Responsible design	Y.BUYUKDERELI	04.12.2007		
Kontrol / Checked	Cem KABAHASANOĞLU	04.12.2007		

Güvenlik Gös. Safety Doc. N/A

Proje Adı Project Name

STARTER SWITCH

ISO 128

Ölçek/Scale 2/1 N/A	Resim No Drawing No 95200180002 (95065)	Boyut Format A0 Sayfa Sheet 1 Toplam sayfa of 1

Normal ölçülerde belirtilmeyen tolerenslar için genel tolerenslar
General tolerances for nominal dimensions without specified tolerance DIN 2768 mK.

Kontrol ölç./ Control dim. ( ) Referans ölçü/Auxiliary dim. * SC * Önemli karakteristik ölçüsü /Significant characteristic dim. * CC * Kritik karakteristik ölçüsü / Critical characteristic dim. *Tüm ölçüler mm cinsindendir./All dimensions are in mm.

800-FRM.23 Rev.4/31.05.2019

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