



Sample image

Datasheet

Article number: 70019847

Designation: KG125.T104/35.STM

Description: Switch Global Disconnector

Rated insulation v	EN 60947-3, VDE	. 0000 1811 10/						
Rated insulation v	roitage ui		Volt	age (V) AC / DC				
			Voic	1000 AC				
Rated uninterrupt	ed current lu/lth							
Current (A)	Ambient	t temperature (°C)	Peak temperature (°0	c) additional requ	iirements			
125		50	5	5 Ambient temper	erature +50°C d	luring 24 hours w	ith peaks up to +55°C	
Rated operational								
Utilization categor	ry					tage (V)		Current (A)
AC-32A					:	20 - 400		125
Rated operational								
Utilization categor	ry		Voltage (V)	No.	of phases		No. of poles	Power (kW)
AC-3			220 - 240		3		3	22
AC-3 AC-3			380 - 440 660 - 690		3		3	37 30
AC-23A			220 - 240		3		3	30
AC-23A AC-23A			380 - 440		3		3	45
AC-23A			660 - 690		3		3	37
Max Fuse Rating I	IFC		000 090		3		<u> </u>	37
Fuse characteristic						No. of Fus	ses	Current (A)
gG	•					140. 011 0	1	125
	III 500							
UL60947-4-1	, UL508							
Nominal Voltage				00.10150				
			Volt	age (V) AC / DC				
B : 1: 1 ::	1			600 AC				
Rated insulation v	/oltage UI		Valt	(I) AC / DC				
			Voit	age (V) AC / DC 600 AC				
Rated thermal cur	rront			000 AC				
Nateu triermai cui	ireit.	Current (Δ)	Δπ	nhient temnerat	ture (°C) Addition	nal Text	
			50	707	indicint temperat			nected with wire rated for 75°C)
							,	connected with wire rated for
		13	25			0 - 40 75°C)		
Horsepower rating								
Across-the-Line M	lotor Starting			5 ()	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL				110 - 120	1	2	7,50	40
DOL				220 - 240	1	2	20	40
DOL				277 - 277	1	2	20	40
DOL				440 - 480	1	2	35	
DOL					•			40
				550 - 600	1	2	35	40
DOL				550 - 600 110 - 120	1	3	15	40 40
DOL				550 - 600 110 - 120 220 - 240	1 3 3	3	15 30	40 40 40
DOL DOL				550 - 600 110 - 120 220 - 240 440 - 480	1 3 3 3	3 3 3	15 30 60	40 40 40 40
DOL DOL DOL				550 - 600 110 - 120 220 - 240	1 3 3	3	15 30	40 40 40
DOL DOL SCCR / Max. fuse				550 - 600 110 - 120 220 - 240 440 - 480	1 3 3 3	3 3 3	15 30 60	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce	eptability		1014	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 3 3 3 3 3	3 3 3 3	15 30 60 60	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit	eptability table for use on circuits		not more than 10kA rms sym	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes,	1 3 3 3 3 3 3	3 3 3 3	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use of	eptability table for use on circuits n a circuit capable of d		not more than 10kA rms sym 65000 rms symmetrical am	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes,	1 3 3 3 3 3 3	3 3 3 3	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit	eptability table for use on circuits n a circuit capable of d	elivering not more than	65000 rms symmetrical amp	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes,	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected b	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use of	eptability table for use on circuits n a circuit capable of d	elivering not more than Temperature rating (°	65000 rms symmetrical amp	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes,	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w	eptability table for use on circuits n a circuit capable of d	elivering not more than Temperature rating (°	65000 rms symmetrical amp	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes,	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected b	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use	eptability lable for use on circuits n a circuit capable of d rire	lelivering not more than Temperature rating (*	65000 rms symmetrical amp C) 75	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use on Temp. rating of w General Use AC / DC	eptability table for use on circuits n a circuit capable of d ire Voltage (V)	Temperature rating (° Current (A)	65000 rms symmetrical amp	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes,	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use AC / DC AC	eptability table for use on circuits n a circuit capable of d ire Voltage (V) 277	Temperature rating (* Current (A) 125	65000 rms symmetrical amp C) 75 No. of phases	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40 40 No. of contacts in series
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use AC / DC AC	eptability table for use on circuits a circuit capable of d ire Voltage (V) 277 277	lelivering not more than Temperature rating (* Current (A) 125 150	65000 rms symmetrical amp C) 75 No. of phases 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	No. of contacts in series
DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use AC / DC AC AC AC	eptability table for use on circuits n a circuit capable of d ire Voltage (V) 277 277 600	Temperature rating (* Current (A) 125 150 150	65000 rms symmetrical amp C) 75 No. of phases 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	No. of contacts in series
DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use AC / DC AC	eptability table for use on circuits a circuit capable of d ire Voltage (V) 277 277	lelivering not more than Temperature rating (* Current (A) 125 150	65000 rms symmetrical amp C) 75 No. of phases 1 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	40 40 40 40 40 No. of contacts in series
DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use AC / DC AC	eptability lable for use on circuits n a circuit capable of d lire Voltage (V) 277 277 600 600	Temperature rating (* Current (A) 125 150 150 150	65000 rms symmetrical amp C) 75 No. of phases 1 1 1 3	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	No. of contacts in series 1 1 1
DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use of Temp. rating of w General Use AC / DC AC	eptability table for use on circuits n a circuit capable of d ire Voltage (V) 277 277 600	Temperature rating (* Current (A) 125 150 150	65000 rms symmetrical amp C) 75 No. of phases 1 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 metrical amperes, peres at 600V max	1 3 3 3 3 3 3 ,600V ac max.	3 3 3 3 when protected beted by 300A Class	15 30 60 60 60 by Type RK1 fuses.	No. of contacts in series 1 1

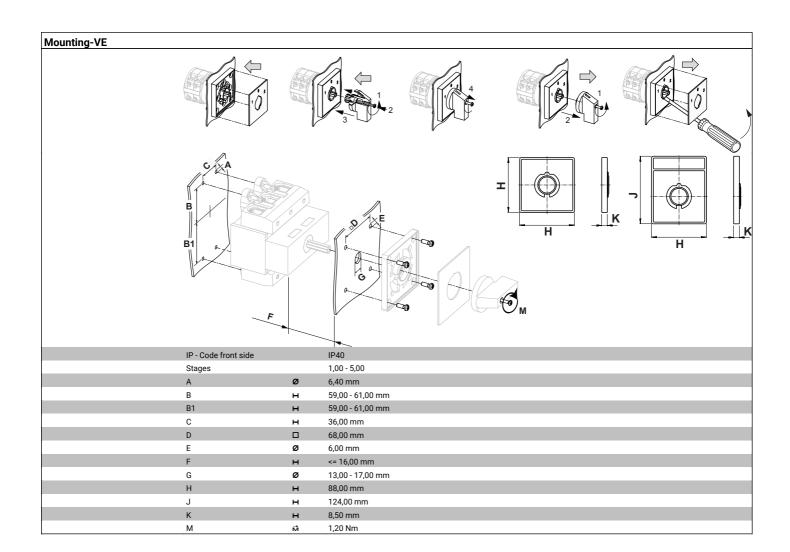


General Informa	ation							
Text	4							
- The operating I					ıld be provided fron	n the manufacti	urer, or the operatin	g handle and position indicating means
	ould have been previous	sly evaluated in con	nbination with the manual mot	or controllers.				
CSA Naminal Valtage								
Nominal Voltage) -			Voltage (V) AC / E	OC .			
				600 AC				
Rated insulation	n voltage Ui			1/-1 (1) 40 /5	20			
				Voltage (V) AC / E 600 AC	OC .			
Rated thermal c	current							
		Cu	rrent (A) 150		Ambient temperati	ure (°C) Additio 0 - 40	nal Text	
Horsepower rati	ting		130			0-40		
Across-the-Line	Motor Starting			Voltage (V)	•	No. of poles	Power (HP)	Ambient temperature [°C]
DOL				110 - 120	1	2	7,50	40
DOL DOL				220 - 240 277 - 277	1	2 2	20 20	40 40
DOL				440 - 480	1	2	35	40
DOL				550 - 600	1	2	35	40
DOL				110 - 120	3	3	15	40
DOL DOL				220 - 240	3	3	30 60	40
DOL				440 - 480 550 - 600	3	3	60	40 40
Temp. rating of	wire							
		Temperature ra	2 , ,		Curi	rent (A) Text		
General Use			75					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of pole	es			No. of contacts in series
AC	277	150	1		1			1
AC	600	150	1		2			1
AC	600	150	3		3			1
	ECHNICAL INFO	RMATION						
Tightening torqu	ue of screws		tightening t	oraue (Nm)				tightening torque (lb-in)
			tigriterinig t	14				125
Stripping length	h							
			L	ength (mm)	PINGLENGTH			
Size of conductor	tor			10 STRIF	FINGLENGTTI			
			- /M	No of co		Cross section	n (mm²) or	Makasial afala asiin
composition of c	conductor	Mi Mi	in. / Max. value	No. of co	nductor per termina	ai (AWG/Kcmii) 1 6mm²		Material of the wire Copper
flexible wire						1 70mm²		Copper
flexible wire		Ma	ax.			1 163		
flavillai		Mi	in.			1 16mm²		Copper
flexible wire		Mi Ma	in. ax.			1 AWG 2/0		Copper Copper
Single-core or st		Mi Ma Ma	in. ax. ax.			1 AWG 2/0 1 95mm²		Copper Copper Copper
	tranded wire	Mi Ma	in. ax. ax. ax.			1 AWG 2/0		Copper Copper Copper Copper
Single-core or st Single-core or st flexible wire with	tranded wire	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0		Copper Copper Copper
Single-core or st Single-core or st flexible wire with flexible wire with Approbations	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Copper Copper Copper Copper Copper Copper
Single-core or st Single-core or st flexible wire with flexible wire with	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Copper Copper Copper Copper
Single-core or st Single-core or st flexible wire with flexible wire with Approbations Specification	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Copper Copper Copper Copper Copper Copper Copper
Single-core or st Single-core or st flexible wire with flexible wire with Approbations	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Copper Copper Copper Copper Copper Copper Marking
Single-core or st Single-core or st flexible wire with flexible wire with Approbations Specification	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Copper Copper Copper Copper Copper Copper Marking
Single-core or st Single-core or st flexible wire with flexible wire with Approbations Specification	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Copper Copper Copper Copper Copper Copper Copper
Single-core or st Single-core or st flexible wire with flexible wire with Approbations Specification EAC	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper
Single-core or st Single-core or st flexible wire with flexible wire with Approbations Specification EAC	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper
Single-core or st Single-core or st flexible wire with Approbations Specification EAC	tranded wire h sleeve	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper
Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives	tranded wire h sleeve h ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper
Single-core or st Single-core or st flexible wire with Approbations Specification EAC	tranded wire h sleeve h ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1	tranded wire h sleeve h ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3	tranded wire th sleeve th ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1	tranded wire th sleeve th ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.	Value		1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended : Type of screw di Hex key	tranded wire h sleeve h ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.	Value 5		1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended: Type of screw dr Hex key General Informa	tranded wire h sleeve h ferrule according to D	Mi Ma Ma Ma Ma	in. ax. ax. ax. ax.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended: Type of screw of Hex key General Informatics	ntranded wire h sleeve h ferrule according to D 14 screw driver lriver ation	Mi Mi Mi Mi Mi DIN 46228 Mi	in. ax. ax. ax. ax. in.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended: Type of screw di Hex key General Informa Text - EMC Note: This	stranded wire th sleeve th ferrule according to D served driver friver ation served device is suitable for	Mi Mi Mi Mi Mi DIN 46228 Mi	in. ax. ax. ax. ax. in.			1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²		Copper Co
Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended: Type of screw dr Hex key General Informat Text - EMC Note: This - Do not lubricate	stranded wire th sleeve th ferrule according to D 14 screw driver triver ation is device is suitable for te or treat contacts.	Mi M	in. ax. ax. ax. ax. in.	5		1 AWG 2/0 1 95mm ² 1 AWG 3/0 1 70mm ² 1 10mm ²		Copper Co
Single-core or st Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended: Type of screw dr Hex key General Informa Text - EMC Note: This - Do not lubricate - Switches may or	stranded wire th sleeve th ferrule according to D 14 screw driver triver ation is device is suitable for te or treat contacts.	Mi M	in. ax. ax. ax. ax. in.	5		1 AWG 2/0 1 95mm ² 1 AWG 3/0 1 70mm ² 1 10mm ²		Copper Co
Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended: Type of screw di Hex key General Informa Text - EMC Note: This - Do not lubricate - Switches may described and complete size of the core of the co	screw driver Iriver ation is device is suitable for tear contacts. only be mounted, conn re only. Do not coat the factory fitted jumper I affactory fitted jumper I	Mi M	in. ax. ax. ax. ax. ax. in. It A and B. operation by qualified persons during production. Take care di	5 according to the a	ecepted rules of tec	1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm² 1 10mm²	lost by undoing bot	Copper Co
Single-core or st Single-core or st Single-core or st Single-core or st flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.1 GB/T14048.3 Recommended Type of screw di Hex key General Informa Text - EMC Note: This - Do not lubricate - Switches may delay of the copper wire - Use copper wire - Terminals with	screw driver friver ation selevice is suitable for te or treat contacts. only be mounted, connre only. Do not coat the	Mi M	in. ax. ax. ax. ax. ax. in. It A and B. operation by qualified persons during production. Take care di	5 according to the a	ecepted rules of tec	1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm² 1 10mm²	lost by undoing bot	Copper Co



Waste Electrical	& Electronic Equipment (WEEE)
Picture name	Description
X	Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com
Proposition 65	
Picture name	Description
\triangle	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge Classification Contact Mat: Silver Classification Terminal: Screw terminal





			•				•			
M	M	П		n	\sim	\sim	12	~	ra	m
v	A٧	•			u	u	ıa	u	ıa	
-	-	-			3			3		

KG125.T304.VE

1/L1 3/L2 5/L3 N
2/T1 4/T2 6/T3 N

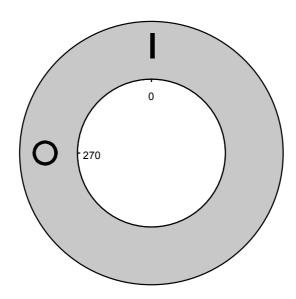


Switch program KG125.T304.VE

Male Male Male Male Male Male Male Male	imer	KG1	25	T304	Page 1 of 1				
Face Plate			I						
1		1/L1 1	3/L2 3	5/L3 5	N 7	9	11	13	15
0 270 90 -	\	\	\	\\ \					
	90	2	4	6	8	10	12	14	16
Total switching Angle 0	90 270	2/T1	4/T2	6/T3	N				
0	270								
1	0								
	90								
	180								

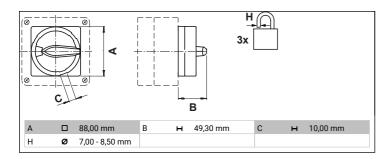


Face plate s2.F456/C10.V11









PADLOCK DEVICE with Fhandle ring for type of mounting E, EF, E22, FT, VE, GK, PN, PF, KS (S00)

Designation: S2.V840D/B7

Colour of F-handle ring: "B" electro-grey Colour of face ring: "7" electro-grey