

## Solenoid Key Release Trapped Key Power Isolators

- Direct drive operation, positively opens contacts
- Failsafe operation—integral solenoid monitoring
- Key trapped until release signal is applied
- Single or multiple key units available
- IP65 (NEMA 4) enclosure or panel-mounted versions
- LED or NEON 'key free' indication
- 316L stainless steel construction
- 24 VDC or 110 VAC/DC
- Weatherproof stainless steel dust cap as standard
- Conforms to EN292, EN1088, IEC947-5-1 & GS ET 19



## Specifications

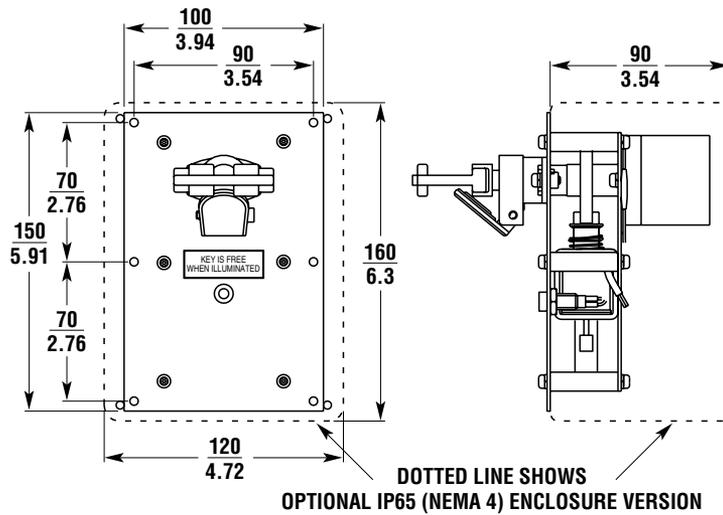
Housing	
Ambient Temperature:	0 to +40°C (32 to 104°F)
Mechanical Operations:	>10 <sup>6</sup>
Max. Shear Force to Key:	15.1 kN
Max. Torque to Key:	14 Nm
Finger Protection:	DIN 57106/VDE 0106 T.100
Weight:	0.60 kg (16 lbs.)
Code Barrels:	Tested to 1,000,000 operations
Switch Accepted in These Countries:	SA, S, S+, UL, D, FI
Inputs:	24 VDC, 110 VAC and 230 VAC
Conforms to Standards:	Relevant clauses EN292, EN1088, IEC 947-5-1 & BG GSET-19
Electrical Specifications	
Electrical Operations RKS & RPS Types:	>10 <sup>5</sup>
Climatic Test:	Constant to DIN IEC 68 Part 2-3; Variable to DIN IEC 68 Part 2-30
Ambient Temp:	Encased -25 to 40°C (13 to 104°F)
Rated Insulation Voltage (Ui):	690 V
Rated Impulse Withstand Vol. (Uimp):	6 kV
S3 Intermittent Rating (VDE 0530 Part 1) Duty Factor:	60/40/25%=1,3/1,6/2xlu
Rated Uninterrupted Current (Iu):	
IEC/EN/VDE	20 A                      32 A
UL /CSA	16 A                      30 A
Rated Operational Voltage (Ue):	
IEC/EN/SEV/VDE	690 V                      690 V
UL/CSA	600 V                      600 V
Main Switch Isol. Voltage Up To:	750 V                      750 V
Rated Operational Current (Ie):	
AC-21A IEC/EN/VDE	20 A                      32 A
AC-1 SEV	20 A                      32 A
Rated Operational Power at 50 to 60 Hz:	
AC-23A IEC/EN/VDE	
3 Phase 220-240 V	4 kW                      7.5 kW
3 Phase 380-440 V	7.5 kW                      15 kW
500-690	7.5 kW                      11 kW

AC-3 IEC/EN/VDE		
3 Phase 220-240 V	3 kW	5.5 kW
3 Phase 380-440 V	5.5 kW	11 kW
500-690 V	5.5 kW	11 kW
DOL-Rating UL/CSA		
3 Phase 120 V	1.5 HP	3 HP
3 Phase 240 V	3 HP	10 HP
480 V	7.5 HP	20 HP
600 V	10 HP	20 HP
Rated Breaking Capacity:		
AC-23/AC-3 220-240 V	250 A	330 A
Motor Switch 380-440 V	250 A	330 A
500-690 V	150 A	220 A
Max. Fuse Size (gL):	25 A	35 A
Rated Fused Short Circuit Current:	15 kA	15 kA
Terminal Cross Section:		
Single/Multiple Wire	min. mm <sup>2</sup>	1
	max. mm <sup>2</sup>	10
Fine Strand Wire	min. mm <sup>2</sup>	0.75
w/ Sleeve max.	mm <sup>2</sup>	6
American Wire Gauge:		8

Specifications are subject to change without notice.

Dimensions

(mm/in.)



Ordering

Panel Mounted Solenoid Key Release – Single Key Unit

Type/Part	No. Contacts	Current	Solenoid Voltage
SRU 10	4 N/O	20 A	24 VDC
SRU 11	2 N/O + 2 N/C	20 A	24 VDC
SRU 12	4 N/O	32 A	24 VDC
SRU 20	4 N/O	20 A	110 VAC
SRU 22	2 N/O + 2 N/C	20 A	110 VAC
SRU 23	4 N/O	32 A	110 VAC

To specify coding, add the key code of your choice from the Key Code Table to the part number from the Ordering Table, i.e., SRU 10[A] is a 4 N/O, 20 A panel mounted with a code 'A' key that is trapped in the unit until release signal is applied. Order key separately.

Box Enclosed Models

For an IP65 (NEMA 4) rated box to enclose the Solenoid Release Unit, order the IPB10 enclosure separately.

Key Codes

(...) = Primary key / key free  
[....] = Secondary key / key trapped

Codes						
A	Aa	Ab	Ac	Ad	Ae	Af
B	Ba	Bb	Bc	Bd	Be	Bf
C	Ca	Cb	Cc	Cd	Ce	Cf
D	Da	Db	Dc	Dd	De	Df
E	Ea	Eb	Ec	Ed	Ee	Ef
F	Fa	Fb	Fc	Fd	Fe	Ff
G	Ga	Gb	Gc	Gd	Ge	Gf
H	Ha	Hb	Hc	Hd	He	Hf
I	Ia	Ib	Ic	Id	Ie	If
J	Ja	Jb	Jc	Jd	Je	Jf
K	Ka	Kb	Kc	Kd	Ke	Kf
L	La	Lb	Lc	Ld	Le	Lf
M	Ma	Mb	Mc	Md	Me	Mf
N	Na	Nb	Nc	Nd	Ne	Nf
O	Oa	Ob	Oc	Od	Oe	Of
P	Pa	Pb	Pc	Pd	Pe	Pf
R	Ra	Rb	Rc	Rd	Re	Rf
S	Sa	Sb	Sc	Sd	Se	Sf
T	Ta	Tb	Tc	Td	Te	Tf
U	Ua	Ub	Uc	Ud	Ue	Uf
V	Va	Vb	Vc	Vd	Ve	Vf
W	Wa	Wb	Wc	Wd	We	Wf
X	Xa	Xb	Xc	Xd	Xe	Xf
Y	Ya	Yb	Yc	Yd	Ye	Yf
Z	Za	Zb	Zc	Zd	Ze	Zf

For coding details and referencing, see page M5.

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