Product Data Sheet

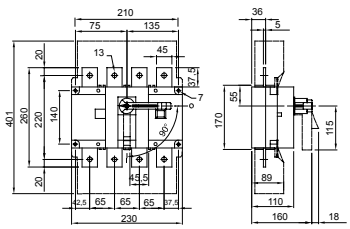
GW97732

97 MSS Range

Description	Rotary switch disconnector
Code	MSS 630
No. of poles	3P
Rated current	630 A

ELECTRICAL CHARACTERISTICS	-	**MECHANICAL CHARACTERISTICS**	-
Standard	EN 60947-3	Mechanical life	5.000 cycles
AC Rated operational voltage (Ue)	400V	Maximum number of auxiliary contacts that can be installed	1
DC Rated operational voltage (Ue)	220 V	Minimum cable size	2x150 mm²
AC Maximum operational voltage (Ue max)	690 V	Maximum cable size (rigid/flexible)	2x300 mm²
DC Maximum operational voltage (Ue max)	500V	Maximum busbar width	50 mm
Rated insulation voltage (Ui)	1000 V	Rated tightening torque	20 Nm
Rated impulse withstand voltage (Uimp)	12 kV	Pre-arrangment for lock in OFF position	Yes (ø8 mm max)
Rated short-time withstand current for 1s (Icw)	13 kA	Height	170 mm
Rated short-circuit current making capacity (Icm)	45 kA	Width (mm)	230
Conditional short-circuit current with fuse (Icc)	70 kA (gG 630A)	Depth	110 mm
Power dissipation per pole	30,9 W	Weight (kg)	4
AC RATED OPERATIONAL CURRENT (Ie)	-	**DC RATED OPERATIONAL CURRENT (Ie)**	-
AC-20A / AC-20B (690V AC)	630 A / 630 A	DC-20A / DC-20B (220V DC)	630 A / 630 A
AC-21A / AC-21B (400V AC)	630 A / 630 A	DC-20A / DC-20B (400V DC)	630 A / 630 A
AC-21A / AC-21B (500V AC)	630 A / 630 A	DC-20A / DC-20B (440V DC)	-
AC-21A / AC-21B (690V AC)	500 A / 500 A	DC-20A / DC-20B (500V DC)	630 A / 630 A
AC-22A / AC-22B (400V AC)	630 A / 630 A	DC-21A / DC-21B (220V DC)	630 A / 630 A
AC-22A / AC-22B (500V AC)	500 A / 500 A	DC-21A / DC-21B (400V DC)	500 A / 500 A (2 poles in series for “+” and 1 pole for “-“)
AC-22A / AC-22B (690V AC)	315 A / 315 A	DC-21A / DC-21B (440V DC)	-
AC-23A / AC-23B (400V AC)	500 A / 500 A	DC-21A / DC-21B (500V DC)	500 A / 500 A (2 poles in series for “+” and 1 pole for “-“)
AC-23A / AC-23B (500V AC)	315 A / 315 A	DC-22A / DC-22B (220V DC)	500 A / 500 A
AC-23A / AC-23B (690V AC)	160 A / 200 A	DC-22A / DC-22B (400V DC)	500 A / 500 A (2 poles in series for “+” and 1 pole for “-“)
-	-	DC-22A / DC-22B (440V DC)	-
-	-	DC-22A / DC-22B (500V DC)	-
-	-	DC-23A / DC-23B (220V DC)	500 A / 500 A
-	-	DC-23A / DC-23B (400V DC)	-
-	-	DC-23A / DC-23B (440V DC)	-
-	-	DC-23A / DC-23B (500V DC)	-

DIMENSIONAL



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STANDARDS/APPROVALS

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