

Product Data Sheet

GW97728

While stocks last Power



Description Rotary switch disconnecter

Code MSS 160

No. of poles 4P

Rated current 160 A

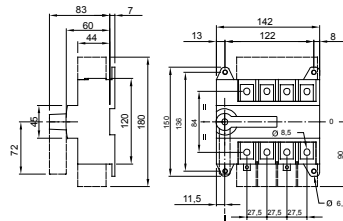
ELECTRICAL CHARACTERISTICS

Standard	EN 60947-3	Mechanical life	10.000 cycles
AC Rated operational voltage (Ue)	400 V	Maximum number of auxiliary contacts that can be installed	2
DC Rated operational voltage (Ue)	220 V	Minimum cable size	10 mm ²
AC Maximum operational voltage (Ue max)	690 V	Maximum cable size (rigid/flexible)	95 / 70 mm ²
DC Maximum operational voltage (Ue max)	440 V	Maximum busbar width	240 mm ²
Rated insulation voltage (Ui)	800 V	Rated tightening torque	9 Nm
Rated impulse withstand voltage (Uimp)	8 kV	Pre-arrangement for lock in OFF position	Yes (ø6 mm max)
Rated short-time withstand current for 1s (Icw)	4 kA	Height	120 mm
Rated short-circuit current making capacity (Icm)	16 kA	Width (mm)	142
Conditional short-circuit current with fuse (Icc)	50 kA (gG 160 A)	Depth	51 mm
Power dissipation per pole	3.3 W	Weight (kg)	1

AC RATED OPERATIONAL CURRENT (Ie)

AC-20A / AC-20B (690V AC)	160 A / 160 A	DC-20A / DC-20B (220V DC)	160 A / 160 A
AC-21A / AC-21B (400V AC)	160 A / 160 A	DC-20A / DC-20B (400V DC)	-
AC-21A / AC-21B (500V AC)	160 A / 160 A	DC-20A / DC-20B (440V DC)	160 A / 160 A (2 poles in series for each polarity)
AC-21A / AC-21B (690V AC)	160 A / 160 A	DC-20A / DC-20B (500V DC)	-
AC-22A / AC-22B (400V AC)	160 A / 160 A	DC-21A / DC-21B (220V DC)	160 A / 160 A (2 poles in series for each polarity)
AC-22A / AC-22B (500V AC)	160 A / 160 A	DC-21A / DC-21B (400V DC)	-
AC-22A / AC-22B (690V AC)	160 A / 160 A	DC-21A / DC-21B (440V DC)	160 A / 160 A (2 poles in series for each polarity)
AC-23A / AC-23B (400V AC)	160 A / 160 A	DC-21A / DC-21B (500V DC)	-
AC-23A / AC-23B (500V AC)	160 A / 160 A	DC-22A / DC-22B (220V DC)	160 A / 160 A (2 poles in series for each polarity)
AC-23A / AC-23B (690V AC)	63 A / 80 A	DC-22A / DC-22B (400V DC)	-
-	-	DC-22A / DC-22B (440V DC)	100 A / 100 A (2 poles in series for each polarity)
-	-	DC-22A / DC-22B (500V DC)	-
-	-	DC-23A / DC-23B (220V DC)	160 A / 160 A (2 poles in series for each polarity)
-	-	DC-23A / DC-23B (400V DC)	-
-	-	DC-23A / DC-23B (440V DC)	63 A / 63 A (2 poles in series for each polarity)
-	-	DC-23A / DC-23B (500V DC)	-

DIMENSIONAL



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Last update 14/10/2026

Data, measures, designs and pictures are shown
only as informative purposes,
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STANDARDS/APPROVALS

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