



Description Interruttore automatico scatolato  
 Code MSX 160c  
 No. of poles 3P  
 Rated current 80 A  
 Release Electromechanic

#### ELECTRICAL CHARACTERISTICS

Standard	IEC/EN 60947-2
Use category	A
Rated frequency (Hz)	50 / 60
Rated operating voltage (Ue)	525 Vac - 250 Vdc
Rated impulse withstand voltage (Uimp)	8 kV
Overvoltage category	IV
Insulation voltage (Ui)	690 V
Thermal regulation	0,63 - 0,8 - 1 x In
Magnetic regulation	Fixed - 1.000 A
Neutral protection	-
Total power loss	30.9 W
Rated short-circuit current making capacity (Icm)	-
Rated short-time withstand current for 0,3s (Icw)	-
I <sub>dn</sub> regulation	-
DT regulation	-

#### SERVICE BREAKING CAPACITY (ICU)

220/240Vac	35 kA
400/415Vac	25 kA
440Vac	15 kA
525Vac	7,5 kA
690Vac	-
250Vdc	20 kA

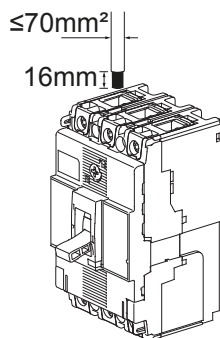
#### MECHANICAL CHARACTERISTICS

Execution	Fixed
DIN rail mounting	Yes, by means of accessory
Can be equipped with motor operator	No
Compatible interlock	-
Terminals supplied	Front for FW cables
Assembly position	Any
Upline/downline power supply	Yes
Electrical life (415Vac)	14.000 cicli
Mechanical life	20.000 cycles
Operating temperature	-5°C +65°C
Stocking temperature	-20° +65°
Weight (kg)	0.8
Width	75 mm
Height	130 mm
Depth	68 mm

#### RATED BREAKING CAPACITY (ICS)

220/240Vac	35 kA	220/240Vac	18 kA
400/415Vac	25 kA	400/415Vac	13 kA
440Vac	15 kA	440Vac	7,5 kA
525Vac	7,5 kA	525Vac	4 kA
690Vac	-	690Vac	-
250Vdc	20 kA	250Vdc	10 kA

### DIMENSIONAL





Product Data Sheet

GWD9044

MSX

STANDARDS/APPROVALS

