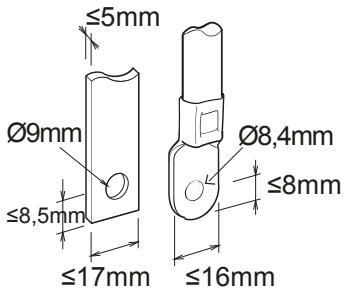
Product Data Sheet
GWD9165
MSX



Description Interruttore automatico scatolato
Code MSX 125
No. of poles 3P+N
Rated current 100 A
Release Electromechanic

ELECTRICAL CHARACTERISTICS	-	MECHANICAL CHARACTERISTICS	-
Standard	IEC/EN 60947-2	Execution	Fixed - Plug-in
Use category	A	DIN rail mounting	Yes, by means of accessory
Rated frequency (Hz)	50 / 60	Can be equipped with motor operator	Yes
Rated operating voltage (Ue)	690 V ac - 250 V dc	Compatible interlock	Lever – Cable
Rated impulse withstand voltage (Uimp)	8 kV	Terminals supplied	Front FC
Overvoltage category	IV	Assembly position	Any
Insulation voltage (Ui)	800 V	Upline/downline power supply	Yes
Thermal regulation	0.63 - 0.8 - 1 x In	Electrical life (415Vac)	30.000 cycles
Magnetic regulation	6 - 8 - 10 - 12 x In	Mechanical life	30.000 cycles
Neutral protection	Not protected	Operating temperature	-5°C +65°C
Total power loss	32 W	Stocking temperature	-20° +65°
Rated short-circuit current making capacity (Icm)	-	Weight (kg)	1.4
Rated short-time withstand current for 0,3s (Icw)	-	Width	120 mm
Idn regulation	-	Height	155 mm
DT regulation	-	Depth	68 mm
SERVICE BREAKING CAPACITY (ICU)	-	**RATED BREAKING CAPACITIY (ICS)**	-
220/240Vac	85 kA	220/240Vac	85 kA
400/415Vac	65 kA	400/415Vac	36 / 33 kA
440Vac	50 kA	440Vac	25 kA
525Vac	25 kA	525Vac	22 kA
690Vac	6 kA	690Vac	6 kA
250Vdc	40 kA	250Vdc	40 kA

DIMENSIONAL



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Last update 29/11/2026

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STANDARDS/APPROVALS



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