



Product designation			Enclosed switch disconnector
Product type designation			GAZ
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		А	40
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current le			•
AC21A			
AUL IN	400V	А	40
	500V	A	40
	690V	A	40
AC22A	0001	7.	
	400V	А	40
	500V	A	40
	690V	A	40
AC23A	0001	7.	
NO20/1	400V	А	40
	500V	A	25
	690V	A	25
Power dissipation per pole max		W	1
Rated operational power AC23A			·
	400V	kW	18.5
	690V	kW	22
Conditional short-circuit current (rms)		kA	10
Short-circuit protection with fuse		Class/A	gG40
Making capacity AC23A 400V		A	400
Breaking capacity AC23A 400V		A	320
Mechanical life		cycles	100000
Electrical life AC21A		cycles	100000
Mechanical features		eyelee	100000
Operating position			
	normal		Vertical plan
	allowable		Any
Terminals			, uiy
	type		Pillar
	width	mm	5.6
	height	mm	6.5
	screw		0.0 M4
	tool		Phillips 2
Tightening torque for terminals			
	min	Nm	1.8
	max	Nm	2
	Шах	1 4111	-

GAZ040UL

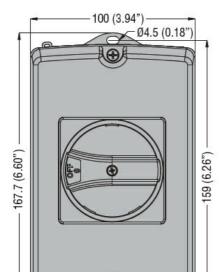


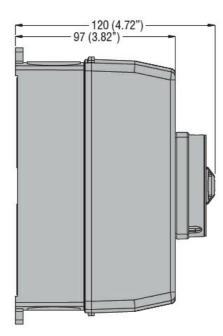
## **GAZ040UL** UL/CSA TYPE 4/4X NON-METALLIC ENCLOSURED SWITCH DISCONNECTOR, THREE-POLE. WITH ROTATING RED/YELLOW HANDLE, 40A

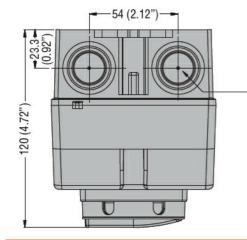
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
Conductor section     IEC min mm² 0.75 lEC max mm² 16 AWG/kcmil min 18 AWG/kcmil min 18 AWG/kcmil max 6       Quertaria purpose current rating     A 40 Operating voltage max       Operating voltage max     V 600       Horsepower/FLA current single phase motor     120V HP 2/24 240V HP 5/28       Horsepower/FLA current three phase motor     200-208V HP 10/32.2 240V HP 5/28       Horsepower/FLA current three phase motor     200-208V HP 10/32.2 240V HP 15/42       Above HP 20/27 600V HP 25/27     Short circuit rating with fuse       Class/A RK5/45     Class/A RK5/45       Ambient conditions     0       Operating temperature     min °C -25 max °C +70 max °C +70 max °C +70       Max attitude     m 3000       Resistance & Protection     U//CSA Type 4/4X       IP degree of protection     IP65       Pollution degree     3		min	Ibin	16
$\begin{array}{c cccc} \text{IEC max} & \text{mm}^2 & 0.75 \\ \text{IEC max} & \text{mm}^2 & 16 \\ \text{AWG/kcmil min} & 18 \\ \text{AWG/kcmil max} & 6 \end{array}$		max	Ibin	18
IEC max     mm²     16       AWG/kcmil min     18       AWG/kcmil min     18       WG/kcmil max     6       UL technical data     6       General purpose current rating     A     40       Operating voltage max     V     600       Horsepower/FLA current single phase motor     120V     HP     2/24       240V     HP     5/28     10/32.2       Horsepower/FLA current three phase motor     200-208V     HP     10/32.2       240V     HP     10/32.2     240V     HP     20/27       600V     HP     20/27     600V     HP     20/27       600V     HP     25/27     Short circuit rating with fuse     Cass/A     RK5/45       Ambient conditions     C     +55     Storage temperature     min     °C     +55       Storage temperature     min     °C     +40     max     °C     +55       Storage temperature     min     °C     +40     max     °C     +70     Max altitude     moo	Conductor section			
$\begin{array}{c c c c c c } AWG/kcmil min & 18\\ AWG/kcmil max & 6\\ \hline \\ AWG/kcmil max & 6\\ \hline \\ \hline \\ AWG/kcmil max & 6\\ \hline \\ \hline \\ \hline \\ General purpose current rating \\ \hline \\ General purpose current rating \\ \hline \\ Operating voltage max & V & 600\\ \hline \\ Horsepower/FLA current single phase motor & & & & & & & & & & & & & & & & & & &$		IEC min	mm²	0.75
AWG/kcmil max     6       UL technical data		IEC max	mm²	16
UL technical data       General purpose current rating     A     40       Operating voltage max     V     600       Horsepower/FLA current single phase motor     120V     HP     2/24       240V     HP     2/24     240V     HP     5/28       Horsepower/FLA current three phase motor     200-208V     HP     10/32.2     240V     HP     15/42       480V     HP     10/32.2     240V     HP     15/42     480V     HP     20/27       Short circuit rating     KA rms     5     <		AWG/kcmil min		18
General purpose current rating     A     40       Operating voltage max     V     600       Horsepower/FLA current single phase motor     120V     HP     2/24       240V     HP     2/24     240V       Horsepower/FLA current three phase motor     200-208V     HP     10/32.2       400     HP     10/32.2     240V     HP     10/32.2       240V     HP     10/32.2     240V     HP     10/32.2       240V     HP     10/32.2     240V     HP     20/27       600V     HP     20/27     600V     HP     25/27       Short circuit rating with fuse     Class/A     RK5/45     KA rms     5       Short circuit rating with fuse     Class/A     RK5/45     KA rms     5       Operating temperature     min     °C     -25     max     °C     +55       Storage temperature     min     °C     -40     max     °C     +70       Max altitude     m     3000     min     °C     -40     4/4X </td <td></td> <td>AWG/kcmil max</td> <td></td> <td>6</td>		AWG/kcmil max		6
Operating voltage max   V   600     Horsepower/FLA current single phase motor   120V   HP   2/24     240V   HP   5/28     Horsepower/FLA current three phase motor   200-208V   HP   10/32.2     240V   HP   10/32.2   240V   HP   10/32.2     240V   HP   10/32.2   240V   HP   20/27     600V   HP   20/27   600V   HP   25/27     Short circuit rating   kA rms   5   5     Short circuit rating with fuse   Class/A   RK5/45     Ambient conditions   Operating temperature   min   °C   -25     Max altitude   m   3000   Resistance & Protection   IP65     Fontal IP degree   IP65   UL/CSA Type   4/4X     IP degree of protection   IP65   0   1/20     Pollution degree   3   3	UL technical data			
Image of FLA current single phase motor     120V     HP     2/24       240V     HP     5/28       Horsepower/FLA current three phase motor     200-208V     HP     10/32.2       240V     HP     15/42     480V     HP     20/27       600V     HP     20/27     600V     HP     20/27       600V     HP     25/27     Short circuit rating     kA rms     5       Short circuit rating with fuse     Class/A     RK5/45     KK5/45       Ambient conditions     0     0     HP     25/27       Storage temperature     min     °C     -25     max     °C     +55       Storage temperature     min     °C     -25     max     °C     +55       Storage temperature     min     °C     -40     max     °C     +70       Max altitude     m     3000     Resistance & Protection     UL/CSA Type     4/4X       IP degree of protection     UP65     1P65     1P65     1P65     1P65     1P65     1P65	General purpose current rating		А	40
Horsepower/FLA current single phase motor     120V     HP     2/24       240V     HP     5/28       Horsepower/FLA current three phase motor     200-208V     HP     10/32.2       240V     HP     15/42     480V     HP     20/27       600V     HP     25/27     600V     HP     25/27       Short circuit rating     kA rms     5     5       Short circuit rating with fuse     Class/A     RK5/45       Ambient conditions     0     -25     max     °C     +55       Storage temperature     min     °C     -25     -25     -25       Storage temperature     min     °C     -40     max     °C     +70       Max altitude     m     3000     Resistance & Protection     UL/CSA Type     -4/4X       IP degree of protection     4/4X     -4/4X     -4/4X<	Operating voltage max		V	600
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
240V     HP     5/28       Horsepower/FLA current three phase motor     200-208V     HP     10/32.2       240V     HP     15/42     240V     HP     15/42       240V     HP     15/42     480V     HP     20/27       600V     HP     25/27     600V     HP     25/27       Short circuit rating     kA rms     5     5     5     5     5     5       Ambient conditions     Class/A     RK5/45     7     7       Operating temperature     min     °C     -25     7       Max altitude     m     3000     7     7       Max altitude     m     3000     7     7       Max altitude     m     3000     7     7		120V	HP	2/24
Horsepower/FLA current three phase motor $200-208V$ HP $10/32.2$ $240V$ HP $15/42$ $480V$ HP $20/27$ $600V$ HP $25/27$ Short circuit ratingkA rms5Short circuit rating with fuseClass/ARK5/45Ambient conditionsOperating temperaturemin°C $\circ$ C+55Storage temperaturemin°CMax altitudem $3000$ Resistance & ProtectionIP65UL degree of protection $UL/CSA$ Type $4/4X$ IP degree $IP65$ IP65IP65Pollution degree $3$ $3$ $3$				
$\begin{array}{cccc} 200-208V & HP & 10/32.2 \\ 240V & HP & 15/42 \\ 480V & HP & 20/27 \\ 600V & HP & 25/27 \end{array}$	Horsepower/FLA current three phase motor			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		200-208V	HP	10/32.2
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
600VHP25/27Short circuit ratingkA rms5Short circuit rating with fuseClass/ARK5/45Ambient conditionsClass/ARK5/45Operating temperaturemin°C-25max°C+55+55Storage temperaturemin°C-40max°C+70max°C+70Max altitudem3000Resistance & ProtectionUL/CSA TypeFrontal IP degreeIP65UL/CSA Type4/4XIP degree of protectionIP65201965Pollution degree33310				
Short circuit rating   kA rms   5     Short circuit rating with fuse   Class/A   RK5/45     Ambient conditions   0   0     Operating temperature   min   °C   -25     max   °C   +55     Storage temperature   min   °C   -40     max   °C   +70     Max altitude   m   3000     Resistance & Protection   IP65   UL/CSA Type     UL degree of protection   IP65   UL/CSA Type     Pollution degree   3   3				
Short circuit rating with fuse   Class/A   RK5/45     Ambient conditions   min   °C   -25     Operating temperature   min   °C   -25     Storage temperature   min   °C   +55     Storage temperature   min   °C   +40     max   °C   +70     Max altitude   m   3000     Resistance & Protection   IP65     UL degree of protection   UL/CSA Type     4/4X   IP degree   1P65     Pollution degree   3	Short circuit rating			
Ambient conditions     Operating temperature     min   °C   -25     max   °C   +55     Storage temperature   min   °C   -40     max   °C   +70     Max altitude   m   3000     Resistance & Protection   IP65     UL degree of protection   UL/CSA Type     IP degree of protection   IP65     Pollution degree   3				
Operating temperaturemin $^{\circ}C$ $+55$ Storage temperaturemin $^{\circ}C$ $+70$ Max altitudemin $^{\circ}C$ $+70$ Max altitudem $3000$ Resistance & ProtectionIP65UL degree of protectionUL/CSA Type $4/4X$ IP degree of protectionIP65Pollution degree3			01000,11	
$\begin{array}{cccc} & \min & ^\circ C & -25 \\ max & ^\circ C & +55 \end{array} \\ \hline Storage temperature & & & & \\ & \min & ^\circ C & -40 \\ max & ^\circ C & +70 \\ \hline Max altitude & m & 3000 \\ \hline Resistance \& Protection & & & \\ \hline Frontal IP degree & & IP65 \\ \hline UL degree of protection & & & & \\ IP degree of protection & & & & \\ \hline IP degree of protection & & & & \\ \hline Pollution degree & & & & \\ \hline 3 \end{array}$				
max°C+55Storage temperaturemin °C-40 maxmin °C+70Max altitudem3000Resistance & ProtectionmFrontal IP degreeIP65UL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3		min	°C	-25
Storage temperature   min   °C   -40     max   °C   +70     Max altitude   m   3000     Resistance & Protection   IP65     UL degree of protection   UL/CSA Type     4/4X   IP degree   IP65     Pollution degree   3				
min max°C C-40 +70Max altitudem3000Resistance & ProtectionIP65UL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3	Storage temperature			
max°C+70Max altitudem3000Resistance & ProtectionIP65UL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3	otorage temperature	min	°C	-40
Max altitudem3000Resistance & ProtectionIP65Frontal IP degreeUL/CSA Type 4/4XUL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3				
Resistance & ProtectionFrontal IP degreeIP65UL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3	Max altitude	Шах		
Frontal IP degreeIP65UL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3				
UL degree of protectionUL/CSA Type 4/4XIP degree of protectionIP65Pollution degree3				IP65
Undegree of protection 4/4X   IP degree of protection IP65   Pollution degree 3				
IP degree of protectionIP65Pollution degree3	UL degree of protection			
Pollution degree 3	IP degree of protection			
	Dimensions			~



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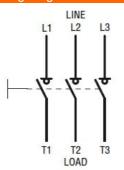






PG13.5 / M20 PG16 / M25 knockouts on top and bottom

#### Wiring diagrams



# Certifications and compliance Compliance IEC/EN 60947-1 IEC/EN 60947-3 Certifications cULus EAC

ETIM classification

GAZ040UL

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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**ETIM 8.0** 

EC000216 -Switch disconnector