



## Product information

New TeSys GV3P73 will replace GV3ME80

Partners Projects  
Low Voltage

2018, October

### Objective

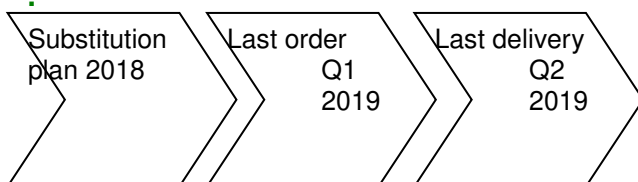
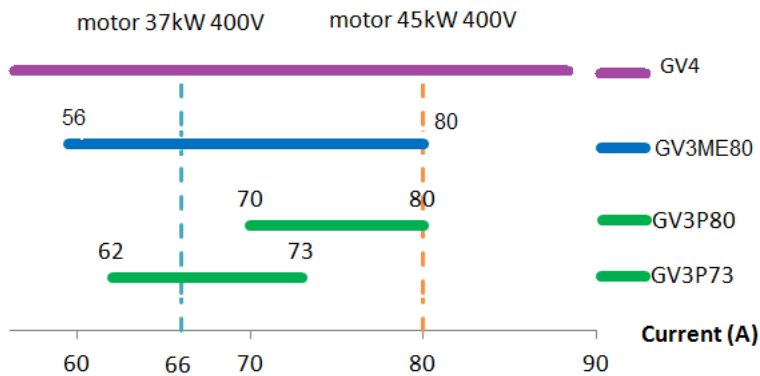
Inform our customers that for the TeSys GV3ME80 will be replaced by TeSys GV3P73

### Description

TeSys GV3P73 is new motor starter for motor of 37Kw replacing GV3ME80(also 37Kw). GV3P73 have higher breaking capacity 50kA, rotary handle, EverLink connector and direct connection to LC1D80A contactor.

GV3P73 is the main circuit breaker to replace GV3ME80 for 37kW motor, in case a full load current higher than 73A is needed then GV3P80 can be used if application is adapted.

New offer TeSys GV4 can be used for 37 and 45 kW with higher breaking capacity up to 100kA.



### Marketing offer manager

Pierre Dehaut

## Technical datasheet

Commercial reference		GV3P73	GV3P80	GV3ME80
Rated thermal current	I <sub>th</sub>	73A	80A	80A
Setting range of thermal tripping		62...73A	70...80A	56...80A
Motor power at 240V	P	22kW	22kW	-
Motor power at 400/415V	P	37kW	45kW	37kW
Motor power at 500V	P	45kW	55kW	45kW
Mechanical durability		50000	50000	30000
AC-3 durability 440V I <sub>n</sub>		18000	18000	30000 (@I <sub>n</sub> /2)
Breaking capacity at 240V	I <sub>cu</sub>	100kA	65kA	100kA
	I <sub>cs</sub>	100kA	65kA	100kA
Breaking capacity at 400/415V	I <sub>cu</sub>	50kA	50kA	15kA
	I <sub>cs</sub>	30kA	30kA	7,5kA
Breaking capacity at 440V	I <sub>cu</sub>	50kA	50kA	10kA
	I <sub>cs</sub>	30kA	30kA	6kA
Dimensions		55x132x136	55x132x136	61x120x113
Terminals capacity		1x25 <sup>2</sup> +1x35 <sup>2</sup>	1x25 <sup>2</sup> +1x35 <sup>2</sup>	1x35 <sup>2</sup>
Ambient air temperature operation (space)		-20...60°C	-20...60°C	-20...60°C
Rated operational voltage	U <sub>e</sub>	690V	690V	690V
Total power dissipated by pole		8W	8W	8W
ATEX		Yes	Yes	No

GV3 new com ref		80A (70-80A)	73A (62-73A)
Everlink	Magnetothermic	GV3P80	GV3P73
	Magnetic	GV3L80	GV3L73
Lugs	Magnetothermic	NA	GV3P736
	Magnetic	NA	GV3L736
1 Everlink	Magnetothermic	NA	GV3P731
	Magnetic	NA	GV3L731

## For NAM market

regarding HP rating, the GV3ME80 can simply be replaced by GV3P73 offer.

Commercial reference		GV3P65	GV3P73	GV3ME80	GV3P80
UL 120VAC on 1 phase	P	3hp	5hp	5hp	-
	I	-			-
UL 240VAV on 1 phase	P	10hp	15hp	15hp	-
	I				
UL 208VAC on 3 phases	P	15hp	20hp	20hp	-
	I	-	59A	59A	-
UL 220/240VAC on 3 phases	P	15hp	25hp	25hp	-
	I	-	68A	68A	-
UL 440/480VAC on 3 phases	P	40hp	50hp	50hp	-
	I	52A	65A	65A	-
UL 600VAC on 3 phases	P	50hp	60hp	60hp	-
	I	52A	62A	62A	-
UL - Manual motor controller		Yes	Yes	No	No
UL - Motor disconnect		Yes	No	No	No
UL - Type E (self-protected comb. motor ctrler)		Yes	No	No	No
UL - Type F		Yes	No	No	No

### Short circuit current rating

	240V	480V	600V
GV3ME80	10kA	10kA	10kA
GV3P73	65 kA	65 kA	25kA