



Product designation			Motor protection circuit breaker
Product type designation			SM1P
Electrical features		N I.a	<u></u>
Number of poles		Nr.	3
Magnetic protection			yes
Thermal protection			yes
Phase failure detection		14	yes
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Rated frequency		Hz	50/60
Thermal trip adjustment range		•	6.310
Rated current (In)		A	10
Magnetic tripping			13 x ln
Power dissipation per pole			
	min	W	1.03
-	max	W	2.61
Operational short-circuit current breaking capacity (Ics) at AC			
	230V	kA	100
	400V	kA	100
	440V	kA	13
	500V	kA	13
· · · · · · · · · · · · · · · · · · ·	690V	kA	3
Maximum short-circuit current breaking capacity (Icu) at AC			
	230V	kA	100
	400V	kA	100
	440V	kA	25
	500V	kA	25
	690V	kA	3
Tripping class			10A
IEC Utilization category			A
Operations			
Mechanical life		cycles	100000
Electrical life		cycles	100000
Mechanical features			
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	22
	max	Ibin	26.5
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	min		16
	max		8

SM1P1000



MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 100KA AT 400V,

6.3...10A

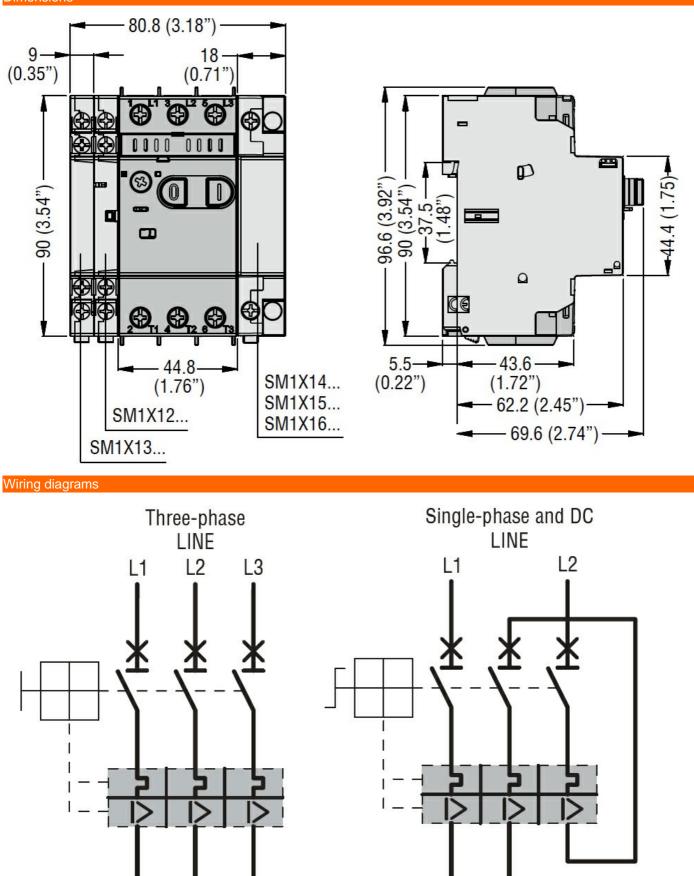
SM1P1000

Operating position       normal allowable       Vertical plan Any         Fixing       Screw / DIN rail 35mm         Weight       g       350         UL technical data       Image: Screw / DIN rail 35mm         Motor Disconnect       at 240V       kA       30 at 480V       kA       30 at 600V       kA       30 protection       100A class J         UL technical data       Group Motor Installation at 240V       kA       30 group Motor Installation at 480V       kA       30 kA       30 group Motor Installation at 600V       kA       30 kA       30 group Motor Installation at 600V       kA       30 kA       30 group Motor Installation at 600V       kA       30 kA       30 group Motor Installation protection       100A class J         Tap Conductor Protection       at 480Y/277V       kA       50 at 600Y/347V       50					
max         mm2         10           Flexible c/w lug conductor section         min         mm2         1           Flexible with insulated spade lug conductor section         min         mm2         1           Screwdriver         PH2         PH2           Power terminal protection according to IEC/EN 60529         PH2           Cable stripping lenght         mm1         fc         20           Amblent conditions         min         fc         20           Temperature         min         fc         20           Max         rC         460         50           Storage temperature         min         fc         50           Compensation temperature         min         fc         20           max         rC         20         -50           Max         rC         20		Flexible w/o lug conductor se			
Flexible c/w lug conductor section         min         mm²         1           max         mm²         10           Flexible with insulated spade lug conductor section         min         mm²         10           Screwdriver         PH2         Prover terminal protection according to IEC/EN 60529         IP20           Cable stripping lenght         main oircuit         mm         12           Ambient conditions         main oircuit         mm         12           Temperature         Quertating temperature         min         *C         +60           Storage temperature         min         *C         +60         -20           Compensation temperature         min         *C         +60         -20           Compensation temperature         min         *C         +60         -20           Compensation temperature         min         *C         +50         -20           Max attrude         max         *C         +50         -20         -20           Corperating position         normal         allowable         Ambient conditions         -20           Fixing         Screw / DIN Rait         35mm         -20         -20         -20           Fixing         Group Motor Installat			min		
min         mm²         1           Rexible with insulated spade lug conductor section         min         mm²         10           Screwdriver         PH2         PH2         PH2           Power terminal protection according to IEC/EN 60529         IP20         IP20           Cable stripping lenght         mm²         10           Ambient conditions         main circuit         mm         12           Ambient conditions         mm²         C         -20           Temperature         min         °C         -20           Max altitude         max         °C         -50           Operating temperature         min         °C         -50           Max altitude         max         °C         -50           Operating position         max         °C         +50           Max altitude         m         3000         Operating altionable         Any           Fixing         Screw / DNI rail         35mm         300         Operating altionable           UL technical data         g         350         UL         100A class J           UL technical data         Group Motor Installation at 480V         KA         30           Group Motor Installation at 480V				mm²	10
max         mm²         10           Flexible with insulated spade lug conductor section         mm²         1           max         mm²         10           Screwdriver         PH2           Power terminal protection according to IEC/EN 60529         IP20           Cable stripping lenght         main circuit         mm           Ambient conditions         main circuit         mm           Temperature         min         °C         -20           Max         °C         +60         -60           Storage temperature         min         °C         -50           max         °C         +80         -60           Operating position         °C         +80         -60           Operating position         max         °C         +80           Fixing         °C         +80         -60           Storage temperature         min         °C         -20           max         °C         +80         -60           Operating position         mormal         allowable         Any           Fixing         g         350         -60           UL technical data         Group Motor Installation at 240V         KA         30     <		Flexible c/w lug conductor se			
Flexible with insulated spade lug conductor section       min       mm <sup>2</sup> 1         Screwdriver       PH2       P20         Cable stripping lenght       main circuit       mm       12         Ambient conditions       main circuit       mm       12         Ambient conditions       min       °C       -20         Temperature       min       °C       -20         Max       °C       +60         Storage temperature       min       °C       -50         Compensation temperature       min       °C       -20         Max atitude       max       °C       +50         Operating position       mormal       Vertical plan         allowable       Any       Screw / DN rail         Fixing       Screw / DN rail       Screw / DN rail         Weight       g       350         UL technical data       at 240V       kA       30         Group Motor Installation at 480V       kA       30         Group Motor Installation at 480V <td></td> <td></td> <td>min</td> <td></td> <td></td>			min		
min         mm²         1           max         mm²         10           Screwdriver         PH2           Power terminal protection according to IEC/EN 60529         IP20           Cable stripping lenght         main circuit         mm         12           Ambient conditions         main circuit         mm         12           Ambient conditions         main circuit         mm         12           Ambient conditions         max         °C         +60           Storage temperature         min         °C         -20           max         °C         +80         -20           Compensation temperature         min         °C         -20           max         °C         +80         -20           Compensation temperature         min         °C         -20           max         °C         +50				mm²	10
max         mm²         10           Screwdriver         PH2           Power terminal protection according to IEC/EN 60529         IP20           Cable stripping lenght         main circuit         mm         12           Ambient conditions         max         "C         -20           Temperature         min         "C         -20           Storage temperature         min         "C         -50           Torage temperature         min         "C         -50           Compensation temperature         min         "C         -20           Max attitude         max         "C         +80           Operating position         "C         -20         max           Fixing         screw / DN rali         3000         Any           Screw / DN rali         ssmm         Screw / DN rali         Ssmm           Weight         g         350         UL teshnical data         Any           Weight         g         350         UL teshnical data         Any           Group Motor Installation at 480V         KA         30         Any           UL teshnical data         Group Motor Installation at 480V         KA         30           Group Motor Installat		Flexible with insulated spade			
Screwdriver PH2 Power terminal protection according to IEC/EN 60529 Cable stripping lenght Temperature Cperating temperature Cperating temperature Cperating temperature Compensation temperature min *C -20 max *C +60 Storage temperature min *C -50 max *C +60 Compensation temperature min *C -20 max *C +60 Compensation temperature min *C -50 max *C +60 Compensation temperature min *C -20 max *C +60 Compensation temperature min *C -50 max *C +60 Compensation temperature min *C -50 max *C +60 Compensation temperature min *C -50 max *C +60 Compensation temperature min *C -20 max *C +60 Compensation temperature min *C +60 Compensation temperature min *C *C +50 Maximum UL/CSA horsepower ratings three-phase, 3-pole Compensation temperature Compensatint temperature			min		
Power terminal protection according to IEC/EN 60529 IP20 Cable stripping lenght main circuit mm 12 Ambient conditions Temperature Operating temperature min °C -20 max °C +60 Storage temperature min °C -50 max °C +80 Compensation temperature min °C -20 max °C +80 Compensation temperature min °C -20 max °C +80 Max altitude m 3000 Operating position vertical plan allowable Any Fixing Screw / DNn rail 35mm Weight g 350 UL technical data group Motor Installation at 240V KA 30 at 480V KA 30 at 480V KA 30 at 480V KA 30 at 600V KA 30 Tap Conductor Protection at 480V KA 30 Group Motor Installation at 480V KA 30 at 480V KA 30 at 600V KA 30 Group Motor Installation at 480V KA 30 At 480V/277V KA 50 Tap Conductor Protection at 480V/277V KA 50 Maximum UL/CSA horsepower ratings single-phase 110V-120V HP 1/2 220V-240V HP 1.5 Maximum UL/CSA horsepower ratings three-phase, 3-pole 200V-280V HP 3 440V 440V HP 3			max	mm²	
Cable stripping lenght Temperature Operating					
Ambient conditions Temperature Operating temperature  min °C -20 max °C +60  Storage temperature min °C -50 max °C +80  Compensation temperature min °C -50 max altitude mi °C -50 max altitude mi °C -50 max °C -50 Max altitude mi °C -50 max °C		tion according to IEC/EN 60529	)		IP20
Ambient conditions         Temperature         Operating temperature         min       °C       -20         Storage temperature       min       °C       -50         Compensation temperature       min       °C       -20         Compensation temperature       min       °C       -20         Max altitude       max       °C       -20         Operating position       mormal       Vertical plan         allowable       Any       Screw / DIN rail         String       g       350         Weight       g       350         UL technical data       g       350         Weight       g       350         UL technical data       group Motor Installation at 240V       KA       30         Group Motor Installation at 240V       KA       30       Group Motor Installation at 600V       KA       30         Group Motor Installation at 480V       KA       30       Group Motor Installation at 600V       KA       30         Tap Conductor Protection       at 480V/277V       KA       50       50         Maximum UL/CSA horsepower ratings single-phase       110V-120V       HP       1/2         220V-240V       HP <td>Cable stripping lenght</td> <td></td> <td>main circuit</td> <td>mm</td> <td>12</td>	Cable stripping lenght		main circuit	mm	12
Temperature         Operating temperature         min         °C         -20           max         °C         -20           Storage temperature         min         °C         -50           max         °C         -50           Compensation temperature         min         °C         -50           Max altitude         m         3000	Ambient conditions				. –
Operating temperature         min         °C         - 20           Storage temperature         "C         +60           Storage temperature         min         °C         +80           Compensation temperature         "C         -50           Max         "C         -20           Max         "C         -80           Compensation temperature         min         "C         -20           Max altitude         max         "C         -20           Operating position         mormal         *C         -20           Fixing         order data         Any         Screw / DIN rail           Weight         g         350         -           UL technical data         g         350         -           Woldr Disconnect         at 240V         kA         30           UL technical data         g         350         -           UL technical data         group Motor Installation at 240V         kA         30           Group Motor Installation at 240V         kA         30         -           Group Motor Installation at 240V         kA         30         -           Top Conductor Protection         100A class J         -         -					
min         °C         -20           max         °C         +60           Storage temperature         min         °C         -50           max         °C         +80           Compensation temperature         min         °C         -20           max         °C         +80         -20           Max altitude         m         3000         -20           Operating position         m         3000         -20           Fixing         normal         Vertical plan         Any           Fixing         Screw / DIN rail         35mm           Weight         g         350         -20           Ut technical data         g         350         -20           Motor Disconnect         at 240V         kA         30           at 600V         kA         30         at 600V         kA         30           UL technical data         Group Motor Installation at 240V         kA         30         -           Group Motor Installation at 480V         kA         30         -         -           Group Motor Installation at 480V         kA         30         -         -           Tap Conductor Protection         at 480		Operating temperature			
max         °C         +60           Storage temperature         min         °C         -50           max         °C         +80           Compensation temperature         min         °C         -20           max         °C         +50           Max altitude         m         3000           Operating position         m         3000           Operating position         m         3000           Pixing         Vertical plan         allowable         Any           Fixing         g         350         350           UL technical data         g         350         350           UL technical data         g         350         100A class J           UL technical data         group Motor Installation at 480V         KA         30           Group Motor Installation at 480V         KA         30         30           UL technical data         group Motor Installation at 480V         KA         30           Group Motor Installation at 480V         KA         30         30           Group Motor Installation at 480V         KA         30         30           Tap Conductor Protection         at 480Y/277V         KA         50 <tr< td=""><td></td><td>,</td><td>min</td><td>°C</td><td>-20</td></tr<>		,	min	°C	-20
Storage temperature       min       *C       -50         max       *C       +80         Compensation temperature       min       *C       -20         max       *C       +50         Max altitude       m       3000         Operating position       normal allowable       Vertical plan         Any       Screw / DIN rail       Screw / DIN rail         String       Screw / DIN rail       35mm         Weight       g       350         UL technical data       g       350         Motor Disconnect       at 240V       kA       30         at 600V       kA       30       at 480V       kA       30         UL technical data       Group Motor Installation at 240V       kA       30       at 600V       kA       30         UL technical data       Group Motor Installation at 240V       kA       30       30       at 600V       kA       30         Tap Conductor Protection       at 480Y/277V       kA       50       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30       30 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
min     "C     -50       max     "C     +80       Compensation temperature     min     "C     -20       max     "C     +50       Max altitude     m     3000       Operating position     normal     allowable     Any       Fixing     Screw / DIN rail     35mm       Weight     g     350       UL technical data     35       Motor Disconnect     at 240V     kA       at 480V     kA     30       at 480V     kA     30       group Motor Installation at 240V     kA     30       Group Motor Installation at 240V     kA     30       Group Motor Installation at 240V     kA     30       Group Motor Installation at 480V     kA     30       Group Motor Installation at 240V     kA     30       Group Motor Installation at 240V     kA     30       Group Motor Installation at 480V     kA     30       Group Motor Installation at 480V     kA     30       Tap Conductor Protection     at 480Y/277V     kA     50       Maximum UL/CSA horsepower ratings single-phase     110V-120V     HP     1/2       220V-240V     HP     1.5       Maximum UL/CSA horsepower ratings three-phase, 3-pole		Storage temperature			
max         °C         +80           Compensation temperature         min         °C         -20           max         °C         +50           Max altitude         m         3000           Operating position         m         3000           Operating position         normal         Vertical plan           allowable         Any         Screw / DIN rail           Fixing         Screw / DIN rail         35mm           Weight         g         350           UL technical data         30         4480V           Motor Disconnect         at 480V         KA           Motor Disconnect         at 480V         KA         30           ut technical data         Group Motor Installation at 240V         KA         30           UL technical data         Group Motor Installation at 240V         KA         30           Group Motor Installation at 240V         KA         30         30           Group Motor Installation at 240V         KA         30         30           Group Motor Installation at 480V         KA         30         30           Group Motor Installation at 240V         KA         30         30           Tap Conductor Protection		3 1	min	°C	-50
Compensation temperature       min       °C       -20         max       °C       +50         Max altitude       m       3000         Operating position       normal allowable       Vertical plan Any         Fixing       Screw / DIN rail 35mm         Weight       g       350         UL technical data       at 240V       kA       30         Motor Disconnect       at 240V       kA       30         UL technical data       g       350       000 (kA)         UL technical data       Group Motor Installation at 240V       kA       30         UL technical data       Group Motor Installation at 480V       kA       30         Group Motor Installation at 660V       kA       30       30         Group Motor Installation protection       100A class J       100A class J         Tap Conductor Protection       at 480Y/277V       kA       50         at 600Y/3477       kA       50       36         Maximum UL/CSA horsepower ratings single-phase       110V-120V       HP       1/2         200V-208V       HP       1.5       1.5         Maximum UL/CSA horsepower ratings three-phase, 3-pole       200V-208V       HP       2         2					
min     °C     -20       max     °C     +50       Max altitude     m     3000       Operating position     normal allowable     Vertical plan       Any     Screw / DIN rail     Screw / DIN rail       String     g     350       Weight     g     350       UL technical data     at 240V     kA       Motor Disconnect     at 240V     kA       at 600V     kA     30       uL technical data     Group Motor Installation at 240V     kA       Motor Disconnect     at 600V     kA       Tap Conductor Protection     100A class J       Tap Conductor Protection     at 800Y/277V     kA       Tap Conductor Protection     at 800Y/347V     kA       Maximum UL/CSA horsepower ratings single-phase     110V-120V     HP       110V-120V     HP     1.5       Maximum UL/CSA horsepower ratings three-phase, 3-pole     200V-208V     HP     2       200V-208V     HP     3       200V-208V     HP     5		Compensation temperature	-		
max°C+50Max altitudem3000Operating positionnormal allowableVertical plan AnyFixingScrew / DIN rail 35mmScrew / DIN rail 35mmWeightg350UL technical datagMotor Disconnectat 240V at 480V at 600VkAUL technical data100A class JUL technical data100A class JUL technical data100A class JUL technical data100A class JTap Conductor Protection100A class JTap Conductor Protection100A class JTap Conductor Protection100A class JMaximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP110V-120V 220V-240VHP1.5Maximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 440V-480VHP2220V-240VHP3220V-240VHP3440V-480VHP5			min	°C	-20
Operating position         normal allowable         Vertical plan Any           Fixing         Screw / DIN rail 35mm           Weight         g         350           UL technical data         at 240V         kA         30 at 480V         kA         30 at 600V         kA         30 at 600V         kA         30 at 600V         kA         30 group Motor Installation at 240V         kA         30 group Motor Installation at 600V         kA         30 group Motor Installation at 840V         kA         30 group Motor Installation at 600V         kA         30 group Motor Installation at 600V         kA         30 group Motor Installation at 600V         kA         30 group Motor Installation protection         100A class J           Tap Conductor Protection         at 480Y/277V         kA         50         50           Maximum UL/CSA horsepower ratings single-phase         110V-120V         HP         1/2           220V-240V         HP         1.5         1.5           Maximum UL/CSA horsepower ratings three-phase, 3-pole         200V-208V         HP         2           220V-240V         HP         3         440V-480V         HP         5			max	°C	
normal allowableVertical plan AnyFixingScrew / DIN rail 35mmWeightgUL technical datagMotor Disconnectat 240VkA30 at 480VkA30 at 600Vprotection100A class JUL technical dataGroup Motor Installation at 240VKA30 group Motor Installation at 480VKA30 at 600VGroup Motor Installation at 480VKA30 group Motor Installation protectionTap Conductor Protection100A class JTap Conductor Protectionat 480Y/277VKA50 at 600Y/347VMaximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP1/2 220V-240VMaximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 220V-240VMaximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 220V-240VAutov-480VHP5	Max altitude			m	3000
normal allowableVertical plan AnyFixingScrew / DIN rail 35mmWeightgUL technical datagMotor Disconnectat 240VkA30 at 480VkA30 at 600Vprotection100A class JUL technical dataGroup Motor Installation at 240VKA30 group Motor Installation at 480VKA30 at 600VGroup Motor Installation at 480VKA30 group Motor Installation protectionTap Conductor Protection100A class JTap Conductor Protectionat 480Y/277VKA50 at 600Y/347VMaximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP1/2 220V-240VMaximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 220V-240VMaximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 220V-240VAutov-480VHP5	Operating position				
allowableAnyFixingScrew / DIN rail 35mmWeightgUL technical dataJuit technical dataMotor Disconnectat 240Vat 480VkA30at 480VkA30at 600VkA30UL technical dataGroup Motor Installation at 240VKA30UL technical dataGroup Motor Installation at 240VKA30Group Motor Installation at 480VKA30Group Motor Installation at 600VKA30Group Motor Installation at 600VKA30Group Motor Installation protection100A class JTap Conductor Protectionat 480Y/277VKA50Maximum UL/CSA horsepower ratings single-phase110V-120VHP1/2220V-240VHP220V-240VHP220V-240VHP3440V-480VHP5			normal		Vertical plan
Fixing         35mm           Weight         g         350           UL technical data			allowable		-
Weight       g       350         UL technical data       Motor Disconnect       at 240V       kA       30         at 480V       kA       30       at 480V       kA       30         at 600V       kA       30       at 600V       kA       30         UL technical data       Group Motor Installation at 240V       kA       30         UL technical data       Group Motor Installation at 480V       kA       30         Group Motor Installation at 480V       kA       30         Group Motor Installation at 600V       kA       30         Group Motor Installation protection       100A class J         Tap Conductor Protection       at 480Y/277V       kA       50         Maximum UL/CSA horsepower ratings single-phase       110V-120V       HP       1/2         220V-240V       HP       1.5         Maximum UL/CSA horsepower ratings three-phase, 3-pole       200V-208V       HP       2         220V-240V       HP       3       440V-480V       HP       5	Fixing				
UL technical data Motor Disconnect at 240V KA 30 at 480V KA 30 at 600V KA 30 protection 100A class J UL technical data Group Motor Installation at 240V KA 30 Group Motor Installation at 480V KA 30 Group Motor Installation at 600V KA 30 Group Motor Installation protection 100A class J Tap Conductor Protection Tap Conductor Protection at 480Y/277V KA 50 at 600Y/347V KA 50 Maximum UL/CSA horsepower ratings single-phase 110V-120V HP 1/2 220V-240V HP 1.5 Maximum UL/CSA horsepower ratings three-phase, 3-pole 200V-208V HP 2 220V-240V HP 3 440V-480V HP 5	Weight			a	
Motor Disconnect         at 240V         kA         30           at 480V         kA         30           at 480V         kA         30           at 600V         kA         30           protection         100A class J           UL technical data         Group Motor Installation at 240V         kA         30           Group Motor Installation at 480V         kA         30           Group Motor Installation at 480V         kA         30           Group Motor Installation at 600V         kA         30           Tap Conductor Protection         100A class J           Tap Conductor Protection         at 480Y/277V         kA         50           Maximum UL/CSA horsepower ratings single-phase         110V-120V         HP         1/2           220V-240V         HP         1.5         1.5           Maximum UL/CSA horsepower ratings three-phase, 3-pole         200V-208V         HP         2           220V-240V         HP         3         3         3           440V-480V         HP         5         3         3				3	
at 240V       kA       30         at 480V       kA       30         at 600V       kA       30         protection       100A class J         UL technical data       Group Motor Installation at 240V       kA       30         Group Motor Installation at 240V       kA       30       30         Group Motor Installation at 480V       kA       30         Group Motor Installation at 600V       kA       30         Group Motor Installation protection       100A class J         Tap Conductor Protection       100A class J         Tap Conductor Protection       100A class J         Maximum UL/CSA horsepower ratings single-phase       110V-120V       HP         110V-120V       HP       1/2         220V-240V       HP       1.5         Maximum UL/CSA horsepower ratings three-phase, 3-pole       200V-208V       HP       2         220V-240V       HP       3       3       3         440V-480V       HP       5       3	Motor Disconnect				
at 480V at 600VkA30303030protection100A class JUL technical dataGroup Motor Installation at 240V Group Motor Installation at 480V Group Motor Installation at 480V Group Motor Installation at 600V Group Motor Installation protectionkA3030Group Motor Installation at 600V Group Motor Installation protectionkA3030Group Motor Installation protection100A class J31Tap Conductor Protection100A class JTap Conductor Protectionat 480Y/277V at 600Y/347VkA50Maximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP1/2Maximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 440V-480VHP2220V-240VHP333440V-480VHP533			at 240V	kA	30
at 600V protectionkA30 100A class JUL technical dataGroup Motor Installation at 240V Group Motor Installation at 480V AkA30 					
protection100A class JUL technical dataGroup Motor Installation at 240VkA30Group Motor Installation at 480VkA30Group Motor Installation at 600VkA30Group Motor Installation at 600VkA30Tap Conductor Protection100A class JTap Conductor Protectionat 480Y/277VkAMaximum UL/CSA horsepower ratings single-phase110V-120VHP110V-120VHP1/2220V-240VHP1.5Maximum UL/CSA horsepower ratings three-phase, 3-pole200V-208VHP220V-240VHP3440V-480VHP5					
UL technical data Group Motor Installation at 240V KA 30 Group Motor Installation at 480V KA 30 Group Motor Installation at 600V KA 30 Group Motor Installation protection 100A class J Tap Conductor Protection at 480Y/277V KA 50 at 600Y/347V KA 50 Maximum UL/CSA horsepower ratings single-phase 110V-120V HP 1/2 220V-240V HP 1.5 Maximum UL/CSA horsepower ratings three-phase, 3-pole 200V-208V HP 2 220V-240V HP 3 440V-480V HP 5					100A class J
Group Motor Installation at 480V Group Motor Installation at 600V Group Motor Installation protectionkA30Tap Conductor Protection100A class JTap Conductor Protectionat 480Y/277V at 600Y/347VkA50Maximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP1/2 1.5Maximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 440V-480VHP2 3 440V-480VFP100 <td>UL technical data</td> <td></td> <td>·</td> <td></td> <td></td>	UL technical data		·		
Group Motor Installation at 480V Group Motor Installation at 600V Group Motor Installation protectionkA30Tap Conductor Protection100A class JTap Conductor Protectionat 480Y/277V at 600Y/347VkA50Maximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP1/2 1.5Maximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 440V-480VHP2 3 440V-480VFP100 <td></td> <td></td> <td>Group Motor Installation at 240V</td> <td>kA</td> <td>30</td>			Group Motor Installation at 240V	kA	30
Group Motor Installation protection100A class JTap Conductor Protectionat 480Y/277V at 600Y/347VkA50Maximum UL/CSA horsepower ratings single-phase110V-120V 220V-240VHP1/2 1.5Maximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 220V-240VHP2 2 220V-240VMaximum UL/CSA horsepower ratings three-phase, 3-pole200V-208V 440V-480VHP2 3 440V-480V				kA	30
Tap Conductor Protection       at 480Y/277V       kA       50         at 600Y/347V       kA       50         Maximum UL/CSA horsepower ratings single-phase       110V-120V       HP       1/2         220V-240V       HP       1.5         Maximum UL/CSA horsepower ratings three-phase, 3-pole       200V-208V       HP       2         220V-240V       HP       3       440V-480V       HP       5			Group Motor Installation at 600V	kA	30
at 480Y/277V       kA       50         at 600Y/347V       kA       50         Maximum UL/CSA horsepower ratings single-phase       110V-120V       HP       1/2         220V-240V       HP       1.5         Maximum UL/CSA horsepower ratings three-phase, 3-pole       200V-208V       HP       2         220V-240V       HP       3       440V-480V       HP       5			Group Motor Installation protection		100A class J
at 600Y/347V         kA         50           Maximum UL/CSA horsepower ratings single-phase         110V-120V         HP         1/2           220V-240V         HP         1.5           Maximum UL/CSA horsepower ratings three-phase, 3-pole         200V-208V         HP         2           220V-240V         HP         3         3         3           440V-480V         HP         5         5	Tap Conductor Protect	ion			
Maximum UL/CSA horsepower ratings single-phase         110V-120V         HP         1/2           220V-240V         HP         1.5           Maximum UL/CSA horsepower ratings three-phase, 3-pole         200V-208V         HP         2           220V-240V         HP         3         3         440V-480V         HP         5				kA	
110V-120V         HP         1/2           220V-240V         HP         1.5           Maximum UL/CSA horsepower ratings three-phase, 3-pole         200V-208V         HP         2           220V-240V         HP         3         3         3           440V-480V         HP         5         5			at 600Y/347V	kA	50
220V-240V         HP         1.5           Maximum UL/CSA horsepower ratings three-phase, 3-pole         200V-208V         HP         2           220V-240V         HP         3         3         3           440V-480V         HP         5         5	Maximum UL/CSA horsepower ratings single-phase				
Maximum UL/CSA horsepower ratings three-phase, 3-pole 200V-208V HP 2 220V-240V HP 3 440V-480V HP 5					
200V-208V HP 2 220V-240V HP 3 440V-480V HP 5			220V-240V	HP	1.5
220V-240V HP 3 440V-480V HP 5	Maximum UL/CSA hor	sepower ratings three-phase, 3	-		
440V-480V HP 5					
550V-600V HP 7.5					
			550V-600V	HP	7.5

SM1P1000



Dimensions



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

T2

LOAD

Τ1

T3

T2

LOAD

T1



Certifications and compliance		
Certifications		
	CSA C22.2 n° 14	
	IEC/EN 60947-1	
	IEC/EN 60947-2	
	IEC/EN 60947-4-1	
	UL508	
Compliance		
	cULus	
	EAC	