

APD 2100 M

Motor : Mitsubishi
Kontrol Sistemi : P 732



ISO8528

6i 'YbYfUf f [fi Vi '-GC,) & 'm bYfa Y'L' UfhUfibi'_Uf i'UntUWU_gYj]nYXY'kUgUFUba i' hf"

SZUTEST

6i 'YbYfUf f [fi Vi '-GC - \$\$\$gYfhZ_U" nY'_L'Yf]bY [" fY'kUgUFUba i' j Y' fYf'a] hf"



6i 'YbYfUf f [fi Vi '79'gYfhZ_U' UfhUfibiU'i m] i bXi f

2000/14/EC

GYG'mUihA '_UV]b' [fi d'Ufz&\$\$\$#/(#97 '5j fi dU [' f' h' m bYfa Y'] bY [" fY'kYghYX]]f"

uL_j ; 'WZ' !: Uniz) \$<nZ; : '\$Z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kW	kVA	kW	Amp
400/230	2100,00	1680,00	1875,00	1500,00	2709,00

Standby Güç (ESP): ; 'jYb]f' YVY_Y'UnbU' ibib'_Yg]a Yg]Xi fi a i bXUzXY]_YbYY_f]m'_Y [' , fYa]b_Yfa YXY'_i 'Ubrif'9GDz-GC,) & 'Yi m a i Xi f'5 ifi m'_Ya YnY'jn]bj Yf]a Ya] hf"

Prime Güç (PRP): 8Y]_YbYY_f]m'_Yz [' , fYa]b_Yfa YXY'zmi'_gibifgin, U'i a U gUUh]]_b]_Ubrif'DF DZ-GC,) & 'Yi m a i Xi f'-GC' \$(* mU [' fY' %&gUUh, U'i a U dYf]ncXi bXU%gUUh%\$& 'U' ifi m'_Ya Y]_b]_Ubrif"

GH5B85F H'x N9@@?@9F

5 if'\na Yh]d]Zgi 'gc i ha U'iX]nY'a chcf
F UXntUf f'j Y a Y_Ub'_ZUb
: Ub'j Y'giVU_dUf, U'UFU'Xc_j ba Um'i" b'YnYb'_cfi mi W'_UZg
9'Y_f]]a Uf 'a chcfi j Y' Uf^U'fYfUf f'
6U 'UhwU'_zfi f i b Ug]h'_UV'c'Ufi j Y gy\ dUgi
A chcf W'_Yhgi mi 'igihWgi
uY_L: UgY j Y'f]fY 'ja " b'Yn]YfU_cn'Uf
' fi d'Ub Unfi mU_ihU_b'fU, i_gYh [fi d'U
9gbY'_mU_ihVU 'Ubh'\cffi a 'Ufi
HY'_mU'_izj Y < nU'ihA 'gibiZi'U'fYfUf f'
9bX' g]f]nY'_UdUg]fYXY gi ghi fi W j Y YgbY'_Y]_ca dYbgUf f'
9'Y_fcb]_U'_ 'Uf^V\Uni
'i 'Uba Uj Y a cblU'_iUj i ni

>9B9F 5Hx F '8CB5B-A 'G9u9B9?@9F

MOTOR

! 'l nU'_fUXntUf f' 'gc i ha U
! 'MU_ihgi 'UnifiWZ]fYf
! 'MU_i'gihWgi

! 'gihWZfi h VYh' b'Yn]Y
! 'uL_j ' U'fYf]

YARDIMCI DONATILAR

! 'C'ha UH_j YntU'a Ubi Y'mU_ihXci a 'g]ghYa]
- Egzoz susturucusu, meskûn mahal tip
! 'A i \UZnU'_UV]b]/gYg'mU'ihA 'i'h]d]j YntU'U, i'_U'Ub'h]d
! '<Uj U'_UbU'i'UXUdht f' 'ffUXntUf f' " b'Z
! 'A chcfi 'dUb'f f'fUj U []f j Y; i'_j 'XYj fYg]k
! 'GYg'mU'ihA 'i'_UbU'f'fUj U []f j Y; i'_j 'XYj fYg]k
! '5'YhU_ia i'fVU_ia]_]_b'k
! '% \$\$\$ \$\$\$, U'i a U gUUh]]_b'VU_ia 'gYf]
! '5b]Z]n]j Y a chcfmU 'Ua U'mU' i'f' '\$\$7', Yj fY'giWU'_i]_]_b'k
! '5bU'MU_ihHUb_j

KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)
! ' YVY_Y'jY g' fY_] dUfU'Y' g]ghYa
! ' YVY_Y'jY [Y,] 'gYb_fcbi g]ghYa]
! 'l nU' U'U'Ufa 'dUbY]
! '5'Ufa ; i'_j 'f' Y'Yf]
! 'l nU'_HUb]Yf] 'ja 'za cXYa]Y
! 'HcdfU'_U, U iziY'_YbYfUf f'
! 'Uf^Ua dYfa YfYg]

TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi
! 'y, j YntU'X' f'f' h' d' i' a chcfi ; i'_j ' U'fYf]

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8 N9@A C H C F 'x N9@@? @9F

Üretici		Mitsubishi
Model		S16R-PTA2
G]j]bX]f]j Y' HUgUfia		16 Silindirli, V - Tip
Hava Emme		Hi fVc` UF'Y'j Y'Gcb Gc i h W'i
Maksimum Standby Güç		1500 d/dk
		1790,00 kW [2399,00HP]
Toplam Silindir Hacmi	L	65,370
Çap ve Strok	mm	170x180
Güç Hava U'Ç fUbi		13,5:1
Norminal Devir	d/dk	1500
Governör Tipi		Elektronik
MU' ? UdUg]Yg]	L	230,00
Su Kapasitesi	L	445,00
Emilen Hava Debisi	m ³ /dk.	143,00
Radyatör Hava Debisi	m ³ /dk.	2040,00
9[ncn; Un'GiW_ü i	° C	379,00
Elektrik Sistemi		24 V d.c.
MU_ihH`_Yh]a]	Yük	%100
	L/sa	406,10

5@H9F B 5Hx F 'x N9@@? @9F

Modeli		ECO46-1L/4
Frekans	Hz	50
Güç	kVA	2100,00
HUgUfia		: if, Uginž(' _i h d'i
Cos fi		0,80
: Un'GUnigi		3
Voltaj	V	400/230
MU'ih]a 'GibiZ		H
_Un'G]ghY'a]		Elektronik (AVR)

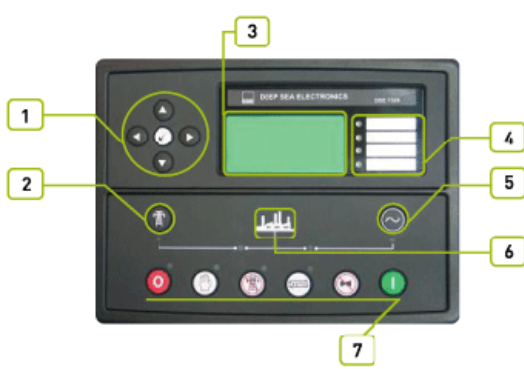
6CM H]j Y'5 ₺ @?

5, _; fi d	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
APD 2100 M	14850,00	5200,00	2500,00	2900,00	2000,00
Kabinli Grup	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AK 99	20100	9000	2800	3300/4800	2200

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1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj][Ugncb 'Vi tcb'Ufi
- 2 YVY_Yj Y'fUbgZf'Vi tcbi
- 3 @78 'jY] 'Yha Y'Xi fi a 'Ufi j Y'' , a Y [" gYf[Y'Yf]
- 4 5finU'U'Ufa '@98fYf]
- 5 Jeneratör ve transfer butonu
- 6 Durum Led'leri
- 7 uU'i a U' Y_]gY, a Y Vi tcb'Ufi

2 Cihazlar

8G9ž'a cXY''+ ' &\$'C tca UH_ ' YVY_Y'5finU']nYa Yj Y'YbYfUht f_cbfhc``a cX''
9'Y_fcb]_U_'' Uf'V\Unı
5VY'Xi fXi fa U'Vi tcbi 'j Y'_cbfhc`XYj fY'Yf] ,]b'g][cftU'Uf

3 Müdi'j Y'6cniU

7]\Un'Uf , Y]_gUWUba]a U'YX]a] 'dUbc'_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZU'h_]a ntUgU'i']Y'_Ud'UbUfU'_gUW
mı nYmj'_cfcncbU'X]fYb ,]\U'Y [Y'fj]f''Dc'mYgYfV]Y]_t'cn'VcmU'j Y'Zfib'Ua U] 'Ya]]Y'dUbc'_UV]b]bY'gcb'XYfYVW
XUnubi_ı'Vcnu'ntüdi'if''?]h]j Y'a YbİY Y']dUbc'_UdU 'i']Y V\Un'UfU'i 'U a U'_c'UmXif''

4 Montaj

? cbfhc`dUbcgi ž'YbYfUht f [fi Vi ' Ug]g]''nYf]bXY_]gU 'Ua ; Y]_UnU'_Ufj YntU [, ;]_ı'Y'Yfa]bU'a cX''''nYf]bY
a cbHU'ntüdi'if''
DUbcž'YbYfUht f [fi Vi bi b'ntub'fUfUZbUZ [" n\]nUgi'gYj]nYg]bY'nYfY]f]f''

5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$
&&\$'_J 5 j Y''nYf] YbYfUht f [fi d'Ufia inXU'8G9+' &\$'_cbfhc`g]gY'a]ghUbXUfXif''9'Y_fcb]_j Y'Y'Y_fcb]_c'a Untub
[Unj'Y'X]nY'a ctefı 'YbYfUht f [fi d'Ufibib'ctca UH_'c'UfU_ , Uı hıfı'a Ugi'j Y'Xi fXi fi 'a Ugi' ,]b'fUgUf'Uba i' hıfı'
5nfiW'a cX'''' YVY_Yj c'fU'fbi'j Y'ZfY_Ubgibi']n'Yfj Y'nYXY_'YbYfUht f [fi Vi]Y'cbU'VU 'ı [, 'fUbgZf'g]gY'a]b
_cbfhc`YXYf''

Standart Özellikler

A]_fc] 'Ya VY]Y'_cbhc`ntüdi'a i' Xif
% &I '* ('d]_gY'ž@78 [" gYf[Y]Y'V] []Yf'_c'Umı'_U'c_ı' bi f
A cX'''' b'dUbY]bXYb j YntU'D7 j Y'ntüdi'ia i'j Ugi'fUgimU'dfc[fUa 'Ua U
M a i U_ 'hı 'ı 'a Ya VfUbc'_Uj mY'j Y'VY 'hı 'ı 'a Yb~ 'bUj][Ugncb
9H.YfbYhj Y'F G& ' &žF G (,) j Ugi'fUgimU'i nU'_hUb']Yh]a j Y'GA G]Y'fUdcf'Ua U
HUf] j Y'gUUh]Y'_UmihXYZfY]bXY'UfinU'c'Umı'f] \$E [" gY'fa Y
uc_ı' 'fUf] j Y'gUUh]Y'a ctefY [nYfg]n'Xi fi a i] Y'VU_ıa 'dfc[fUa i
? cbfhc`hı 'Ufi. 'GhcdžA Ubi Y'žC tca UH_žHYghžGHUfžGYgg]n'#@Ua VU'fYghž
>YbYfUht fY'fUbgZf'ž' YVY_YnY'fUbgZf'žA Yb~ 'bUj][Ugncb
A ctefV'c_ı'gi mı 'igihW'_cbfhc`''

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Ölçme Göstergeleri

A C H C F
A c h c f X Y j] f]
M J \ V U g i b W
G i ' g i W _ i i
u U i ' a U g U U j
5 _ j c ' U i ^
A c h c f V U _ j a ' n U a U b i [' Y ' a]
> 9 B 9 F 5 H x F
J c ' U > f @ / @ z @ B t
5 _ j a f @ / @ z @ B t
: f Y _ U b g
H c d f U _ _ U , U i
_ K
7 c g Z
_ J 5 f
_ K \ z _ J 5 \ z _ J 5 f
: U n g i f U g i
9 6 9 ? 9
J c ' U > f @ / @ z @ B t
: f Y _ U b g

Koruma Devreleri

? 5 N
U f ^ U f i n U g i
8 ^ _ _ U _ j c ' U i ^
G h c d ' U f i n U g i
8 ^ _ _ n U _ i h g Y j] n Y g] f t c d g t
_ K ' U i f i m _
H Y f g Z J n g i f U g i
< i n g Y b g ' f ' _ U n i d
x B ! 5 @ 5 F A @ 5 F
8 ^ _ _ n U \ V U g i b W
M _ g Y _ a c h c f g i W _ i i
8 ^ _ _ a c h c f g i W _ i i
8 ^ _ _ # M _ g Y _ a c h c f \ i n i
8 ^ _ _ # M _ g Y _ Y b Y f U h f Z Y _ U b g i
8 ^ _ _ # M _ g Y _ Y b Y f U h f j c ' U i ^
9 7 I _ J U n
8 I F 8 I F A 5 ' 5 @ 5 F A @ 5 F =
G h f h U f i n U g i
5 W g h c d
8 ^ _ _ n U \ V U g i b W
M _ g Y _ a c h c f g i W _ i i
8 ^ _ _ g i ' g Y j] n Y g]
8 ^ _ _ # M _ g Y _ a c h c f \ i n i
8 ^ _ _ # M _ g Y _ Y b Y f U h f Z Y _ U b g i
8 ^ _ _ # M _ g Y _ Y b Y f U h f j c ' U i ^
M U \ V U g i b , U [i ' U n i W U , i _ X Y j f Y
: U n m b
9 @ 9 ? H F ? G 9 @ 5 u A 5
H c d f U _ _ U , U i
_ K ' U i f i m _
> Y b Y f U h f ' U i f i ' U _ j a
H Y f g Z J n g i f U g i

Opsiyon Özellikleri

M _ g Y _ n U ' g i W _ i i ! ' X i f X i f a U
8 ^ _ _ n U _ i h g Y j] n Y g] ! ' X i f X i f a U
8 ^ _ _ n U _ i h g Y j] n Y g] ! ' U U f a
M _ g Y _ n U _ i h g Y j] n Y g] ! ' U U f a
; 9 B @ 9 A 9 ' A C 8 y @ 9 F
' U j Y @ 9 8 ' a c X ' ' f &) (, t
; Y b] ' a f ' ' Y ' a c X ' ' f & %) + t
; Y b] ' Y a [] f] ' a c X ' ' f & % \$ t

Standartlar

9 ' Y Y _ h f] g Y ' ; ' j Y b] _ # 9 A 7 i n i b i _
6 G ' 9 B * \$ -) \$ ' 9 ' Y _ h f] _]] ' V U n ' U f i
6 G ' 9 B * % \$ \$! * ! & ' 9 A 7 ' a i U Z n Y h
6 G ' 9 B * % \$ \$! * ! (' 9 A 7 ' Y a] g n c b g h U b X U f i

9 ' Y _ h f c b] _ 5 _ ' ' U f ^ 7] \ U n i

5 _ ' ' U f ^ V U n i ' g k] h W] b [! a c X Y j Y ' G A 8 ' H Y _ b c ' c ' g]] Y ' ' f Y] a] X] f j Y ' m _ g Y _ j Y f] a Y ' g U \ d h f '
5 _ ' z j ! ' = _ U f U _ h Y f] g h _ Y f] g] b Y [' ' f Y ' U f ^ Y X]] f '
7] \ U n i , i _ i _ i g U X Y j f Y n Y _ U f _ i _ c f i b a i _ h f '
& (\$) ' U f ^ V U n i z '] b Y Y f ' U f ^ V U n U f i b U [' ' f Y X U \ U j Y f] a ' z i n i b ' ' a ' f ' z U f i n U c f U b i ' X U \ U X ' ' _ z \ U Z j Y ' i g i n U m a U g i ' , c _
X ' _ _ h f '
H Y f g _ j h d ' V U ' U b h g i b U _ U f _ i _ c f i b a i _ h f '
' U f ^ U f i n U g i , i _ i ' a Y j W h i f '
;] f] j c ' U i ^ . % * ! & * (J "
u i _ ' U _ j a i . & + z ' j Y n U % z j) 5 "

