MTX 160C - MCCB'S - C TYPE - 25 KA

GW D7 059

TM1 RELEASE (IM=10IN)

Code	Rated current	Pack Carton
No. of poles: 3P		
GW D7 041	25 A	1
GW D7 042	32 A	1
GW D7 043	40 A	1
GW D7 044	50 A	1
GW D7 045	63 A	1
GW D7 046	80 A	1
GW D7 047	100 A	1
GW D7 048	125 A	1
GW D7 049	160 A	1
No. of poles: 4P		
GW D7 051	25 A	1
GW D7 052	32 A	1
GW D7 053	40 A	1
GW D7 054	50 A	1
GW D7 055	63 A	1
GW D7 056	80 A	1
GW D7 057	100 A	1
GW D7 058	125 A	1
GW D7 059	160 A	1

NOTES: for mounting on EN 50022 DIN rail, choose the fixing bracket GWD8261.
The space taken up on the EN 50022 DIN rail is approximately 4 modules for the 3P versions and 6 modules for the 4P versions.
ACCESSORIES SUPPLIED: supplied with front terminals for copper cables (FC Cu).

MTX

COMPLETE AND SPECIFIC ACCESSORIES

The MTX range is full of common accessories that streamline the installation and allow to reach additional functions such as remote opening, operating status by remote, engine control etc.

SOLUTIONS FOR AN INTEGRATED SYSTEM

The MTX range integrates perfectly with 47 CVX and 46 distribution boards thanks to the installation kit on plate and on DIN rail.

IDEAL RANGE FOR EVERY NEED

The moulded case circuit breakers MTX range is made up of circuit breakers with thermo-magnetic release, circuit breakers with magnetic release only, circuit breakers with electronic release, switch disconnectors, add-on residual current circuit breaker.

MCCB WITH THERMOMAGNETIC AND MAGNETIC RELEASES

MTX 160c

THERMOMAGNETIC RELEASES - TM1													
	L1 - L2 - L3 (Ith)*	**(A)**	**16 (1)**	**20 (1)**	**25 (2)**	**32**	**40**	**50**	**63**	**80**	**100**	**125**	**160**
	Neutral (Ith)*	**(A)**	**16**	**20**	**25**	**32**	**40**	**50**	**63**	**80**	**100**	**125**	**160**
MTX 160c													
Circuit breaker for power distribution	**I_3****	(A)	630	630	630	630	630	630	630	800	1000	1250	1600

(1) Breaking capacity B only (2) Breaking capacity B and C only

The thermal element of the thermomagnetic releases has an adjustable threshold with range (0.7 - 1) x Ith.
This adjustment is done by positioning the selector at the minimum value MIN (0.7 XIth), the average value MED (0.85 XIth) or the maximum value MAX (1xIth). Placing the selector in an intermediate position (for example between MIN and MED) is not possible to know with certainty the value of the corresponding thermal trip.

The adjusted current value obtained should be considered rated at 40°C

Neutral 100% protected

* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current with fixed threshold

MTX 160

THERMOMAGNETIC RELEASES - TM1						
	L1 - L2 - L3 (Ith)*	**(A)**	**10**	**16**	**20**	**25**
	Neutral (Ith)*	**(A)**	**10**	**16**	**20**	**25**
MTX 160						
Circuit breaker for power distribution	**I_3****	(A)	100	500	500	500

The thermal element of the thermomagnetic releases has an adjustable threshold with range (0.7 - 1) x Ith.
This adjustment is done by positioning the selector at the minimum value MIN (0.7 XIth), the average value MED (0.85 XIth) or the maximum value MAX (1xIth).
Placing the selector in an intermediate position (for example between MIN and MED) is not possible to know with certainty the value of the corresponding thermal trip.

The adjusted current value obtained should be considered rated at 40°C

Neutral 100% protected

* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current with fixed threshold

MTX 160

THERMOMAGNETIC RELEASES FOR GENERATOR PROTECTION - TMG									
	L1 - L2 - L3 (Ith)*	**(A)**	**25**	**40**	**63**	**80**	**100**	**125**	**160**
	Neutral (Ith)*	**(A)**	**25**	**40**	**63**	**80**	**100**	**125**	**160**
MTX 160									
Circuit breaker for generator protection	**I_3** = 3xIn**	(A)	160	200	200	240	300	375	480

The thermal element of the thermomagnetic releases has an adjustable threshold with range (0.7 - 1) x Ith.
This adjustment is done by positioning the selector at the minimum value MIN (0.7 XIth), the average value MED (0.85 XIth) or the maximum value MAX (1xIth). Placing the selector in an intermediate position (for example between MIN and MED) is not possible to know with certainty the value of the corresponding thermal trip.

The adjusted current value obtained should be considered rated at 40°C

Neutral 100% protected

* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current with fixed threshold

MTX 160

MAGNETIC RELEASES FOR MOTOR PROTECTION - M																		
	L1 - L2 - L3 (Ith)*	**(A)**	**1 (1)**	**1.6 (1)**	**2 (1)**	**2.5 (1)**	**3.2 (1)**	**4 (1)**	**5 (1)**	**6.5 (1)**	**8.5 (1)**	**11 (1)**	**12.5 (1)**	**20 (2)**	**32 (2)**	**52 (2)**	**80 (2)**	**100 (2)**
MTX 160																		
Circuit breaker for motor protection	**I_3****	(A)	13	21	26	33	42	52	65	84	110	145	163	240	384	624	960	1200
(1) I3 = 13xIth; (2) I3 = (6 ÷ 12) Ith																		
The adjusted current value obtained should be considered rated at 40°C																		
* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current																		

MTX 250

THERMOMAGNETIC RELEASES - TM1								
	L1 - L2 - L3 (Ith)*	**(A)**	**63**	**80**	**100**	**125**	**160**	**200**	**250**
	Neutral (Ith)*	**(A)**	**63**	**80**	**100**	**125**	**160**	**200**	**250**
MTX 250									
Circuit breaker for power distribution	**I_3** = 10xIn**	(A)	630	800	1000	1250	1600	2000	2500
The thermal element of the thermomagnetic releases has an adjustable threshold with range (0.7 - 1) x Ith. This adjustment is done by positioning the selector at the minimum value MIN (0.7 XIth), the average value MED (0.85 XIth) or the maximum value MAX (1xIth). Placing the selector in an intermediate position (for example between MIN and MED) is not possible to know with certainty the value of the corresponding thermal trip.									
The adjusted current value obtained should be considered rated at 40°C									
Neutral 100% protected									
* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current with fixed threshold									

MTX 250

THERMOMAGNETIC RELEASES FOR GENERATOR PROTECTION - TMG								
	L1 - L2 - L3 (Ith)*	**(A)**	**63**	**80**	**100**	**125**	**160**	**200**	**250**
	Neutral (Ith)*	**(A)**	**63**	**80**	**100**	**125**	**160**	**200**	**250**
MTX 250									
Circuit breakers for generator protection	**I_3** = 3xIn**	(A)	400	400	400	400	480	600	750
The thermal element of the thermomagnetic releases has an adjustable threshold with range (0.7 - 1) x Ith. This adjustment is done by positioning the selector at the minimum value MIN (0.7 XIth), the average value MED (0.85 XIth) or the maximum value MAX (1xIth). Placing the selector in an intermediate position (for example between MIN and MED) is not possible to know with certainty the value of the corresponding thermal trip.									
The adjusted current value obtained should be considered rated at 40°C									
Neutral 100% protected									
* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current with fixed threshold									

MTX 250

MAGNETIC RELEASES FOR MOTOR PROTECTION - M						
	L1 - L2 - L3 (Ith)*	**(A)**	**100 (1)**	**125 (1)**	**160 (1)**	**200 (1)**
MTX 250						
Circuit breaker for motor protection	**I_3****	(A)	1200	1500	1920	2400
(1) I3 = (6 - 12) Ith						
The adjusted current value obtained should be considered rated at 40°C						
* "Ith" indicates the calibration current of the relay to protect the phases and neutral ** Magnetic tripping current						