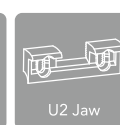


DORCAS STANDARD SERIES 45/44 SERIES

45 Series stands out for its non handed feature thanks to it's symmetrical mechanism body.

45 Series is the same as 44 Series but with radial jaw.

- SYMMETRICAL
- NON HANDED
- RADIAL JAW
- U2 ADJUSTABLE JAW AVAILABLE



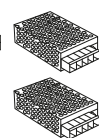
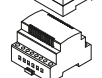
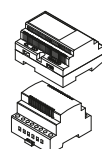
TECHNICAL CHARACTERISTICS	45 series			44 series				
High	75,5 mm			75,5 mm				
Width	21 mm			21 mm				
Depth	28 mm			28 mm				
Setting the flex flap	4 mm			+1-1 mm				
Latch depth	5,7 mm			5,1 mm				
Cycles tested on power electricity	300.000			300.000				
Holding force	3.250 N /330 Kg-f			3.450 N / 350 kg-f				
Operating temperature range	-15 °C a +40°C			-15 °C a +40°C				
Diode or varistor	Optional			Optional				
	6-12 V	8-12 V	24 V	12 VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)	
Coil resistance (Ω)	8	17	58	30	45	132	60	230
VAC power consumption (mA)	600(6V) 1200(12V)	370(8V) 560(12V)	330					
VAC power consumption (mA)	750(6V) 1500(12V)	470(8V) 700(12V)		400 VDC	260 VDC	180 VDC	200 VDC	120 VDC
Working range kept current (V)			-	11-12	11-12	23-24	11-12	23-24
Maximum preload latch to open VAC (N)	45 Series 400 (12V) 44 Series 300 (12V)	-	-	-	-	-	-	-

POWER SUPPLIES

For a suitable performance we recommend:

AC 12V TF3

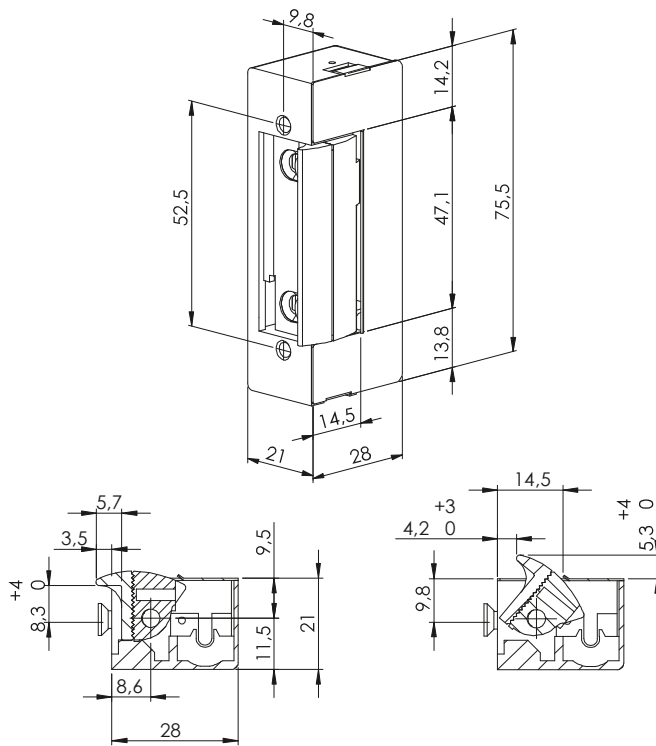
AC 24V TF8



DC 12V

DC 24V Accesories section page 106

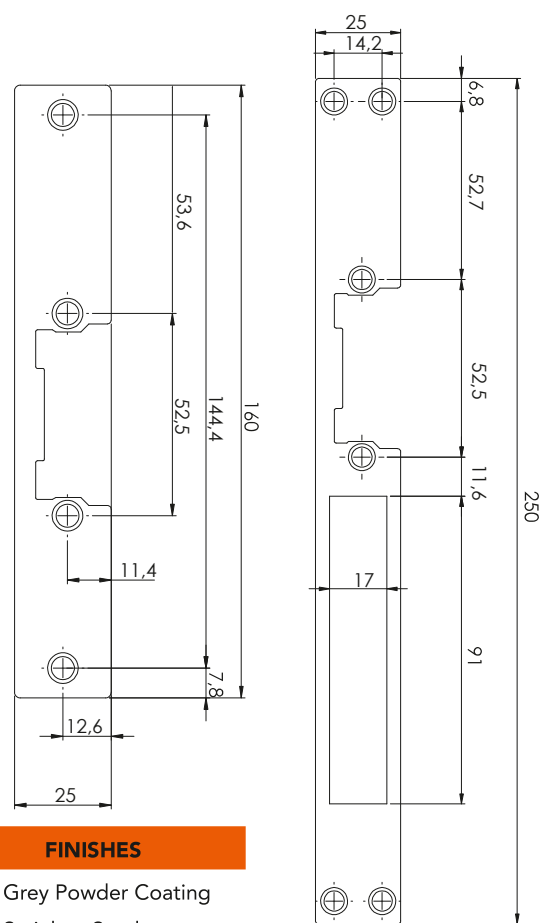
MECHANISM



RECOMMENDED FACE PLATES

S (10)

M (22)



FINISHES

- G Grey Powder Coating
- X Stainless Steel

You can request any other finish.
Please ask for delivery time

CODE	DESCRIPTION	STANDARD	DELAY ACTION (A)	DELAY ACTION INVISIBLE (Aa)	TIMED DELAY ACTION (At)	SLIDING DELAY ACTION (Ab)	FAIL SAFE / 500	MONITORED (305)	UNLATCHING MECHANISM	ADJUSTABLE JAW	ELECTRICAL AVAILABLE FEATURES **
4501	45NF	●							●		V AC
4502	45NDF	●							●		V AC
4503	45AF		●						●		V AC
4504	45ADF		●						●		V AC
4505	45AAF			●					●		V AC
4506	45AADF			●					●		V AC
4507	45NF 412	●							●		12V DC
4508	45NDF 412	●							●		12V DC
4509	45AF 412		●						●		12V DC
4510	45ADF 412		●						●		12V DC
4513	45NF 512					●			●		12V DC
4514	45NDF 512					●			●		12V DC
4515	45N	●							●		V AC
4516	45ND	●							●		V AC
4517	45A		●						●		V AC
4518	45AD		●						●		V AC
4519	45AA			●					●		V AC
4520	45AAD			●					●		V AC
4521	45N 412	●							●		12V DC
4522	45ND 412	●							●		12V DC
4523	45A 412		●						●		12V DC
4524	45AD 412		●						●		12V DC
4527	45N 512					●			●		12V DC
4528	45ND 512					●			●		12V DC

** 24V version available , simply enter 24 after the CODE. Example: 4501 24
In adjustable version, you can order radial jaw. You must write "44" instead of "45". Example: 4401 24
In 44 SERIES, U2 external jaw is available. Enter "U2" after the CODE. Example: 4408 U2
Standard coil of 17Ω, others available.
You can order this model with different lengths of wire already assembled.

CODIFICATION EXAMPLE: 4503/10G
DESCRIPTION EXAMPLE: 45 AF/SG

45 Series mechanism box with delay action and regulable external jaw, with plate 10 ("S" according to the description) painted in grey colour.

CODIFICATION EXAMPLE: 4404 U2/22X
DESCRIPTION EXAMPLE: 44 ADF U2/MX

44 Series mechanism box with delay action, UNLATCHING MECHANISM, regulable external jaw, U2 external jaw and plate 22 ("M" according to the description) stainless steel finishing

For more information about compatible faceplates, see page 56 and following